

Photochem

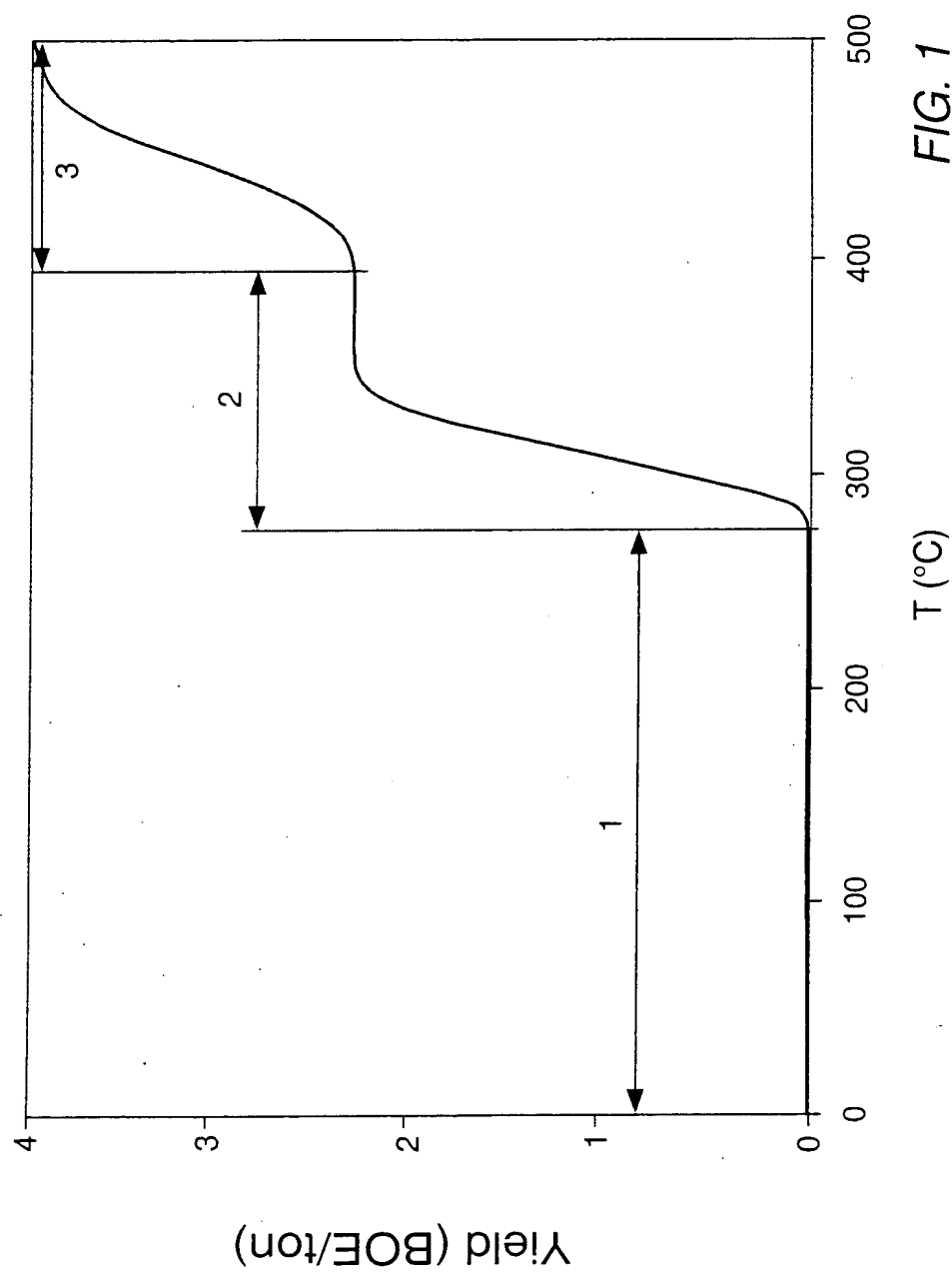
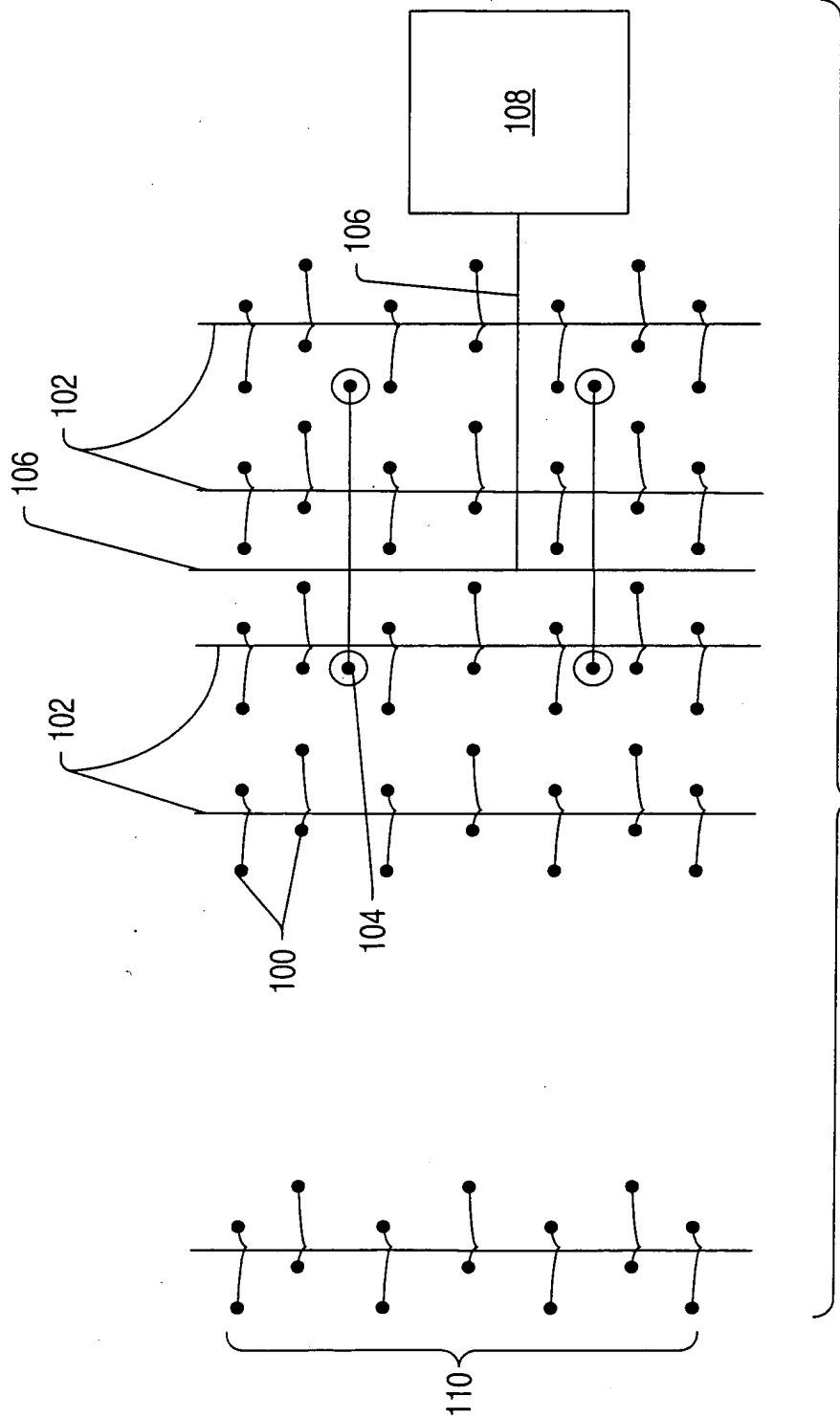


FIG. 1





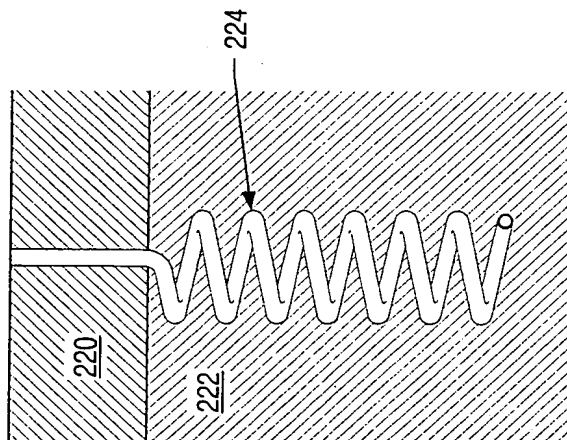


FIG. 3a

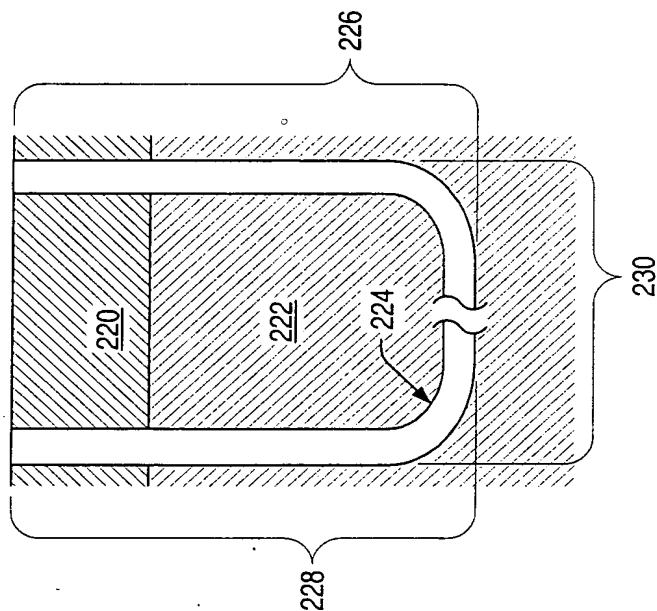


FIG. 3b

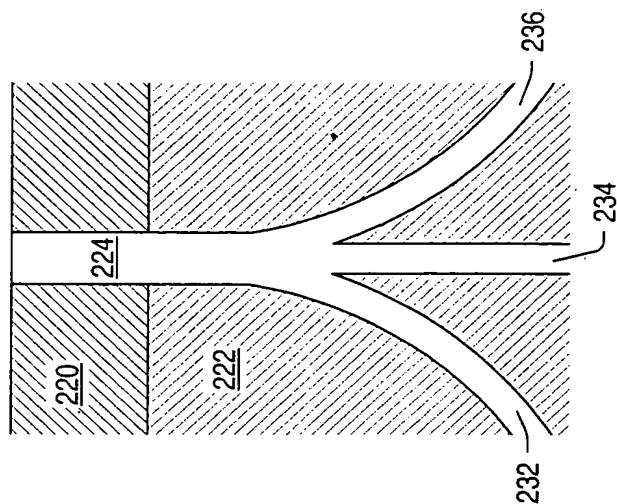


FIG. 3c

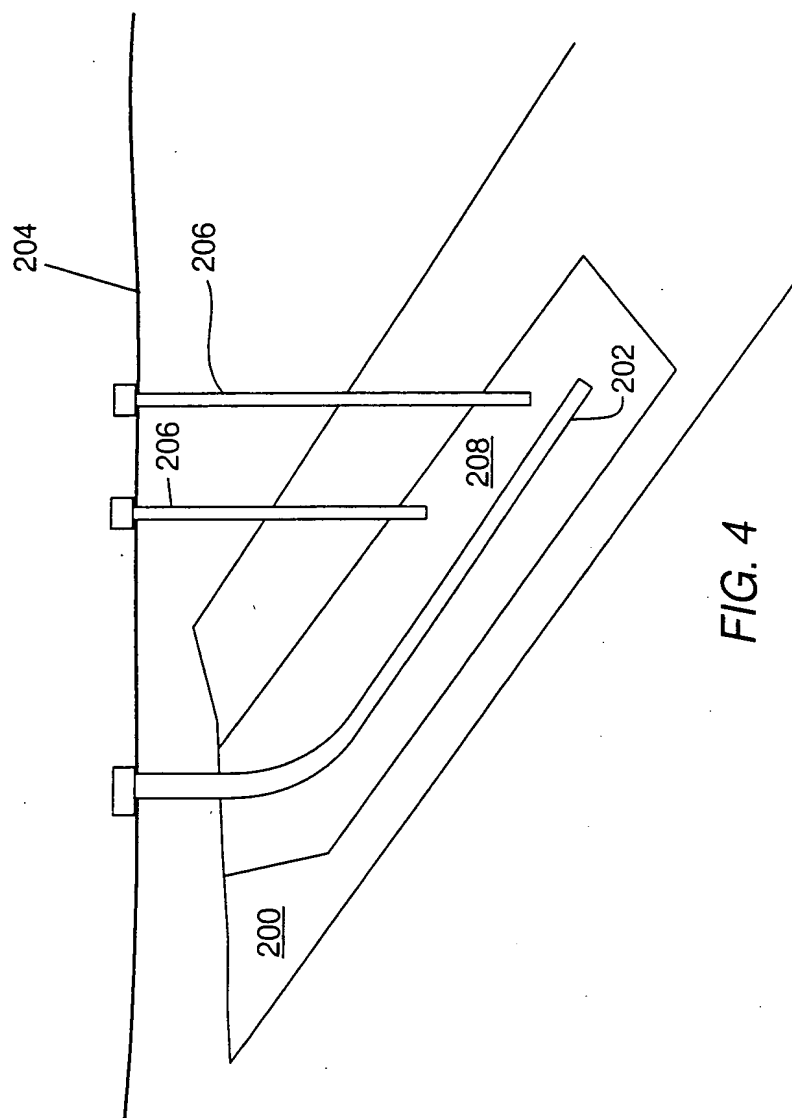


FIG. 4

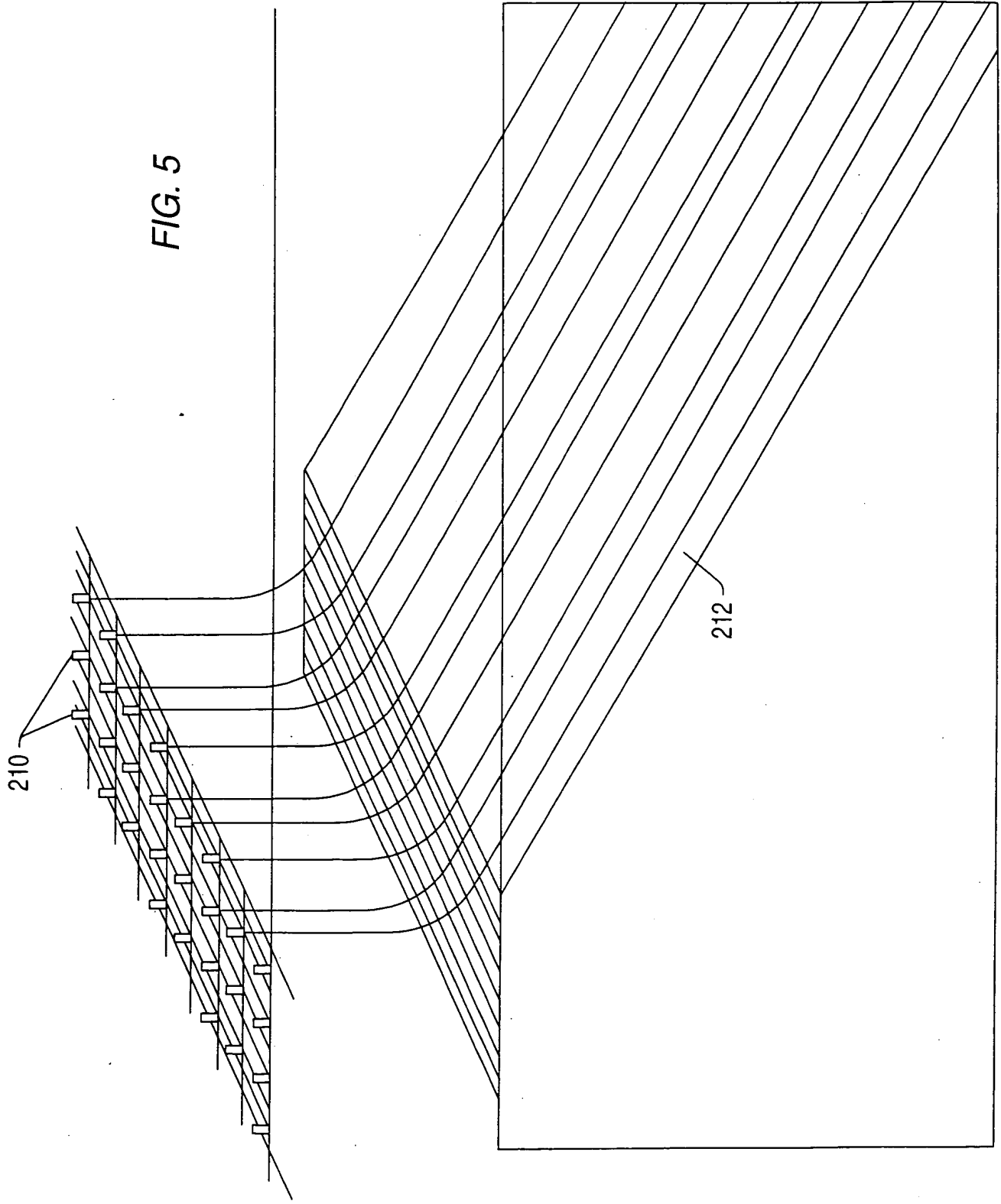


FIG. 6

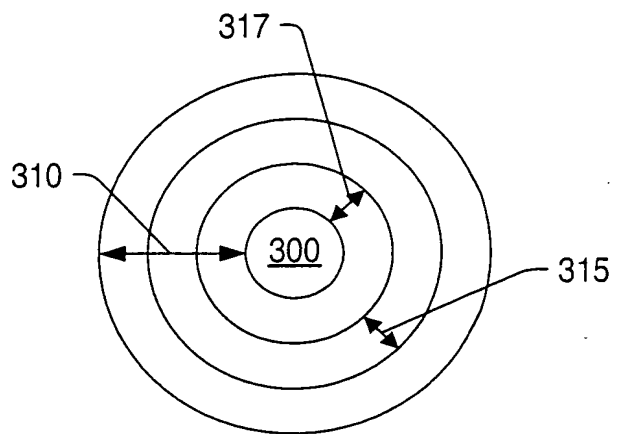


FIG. 6

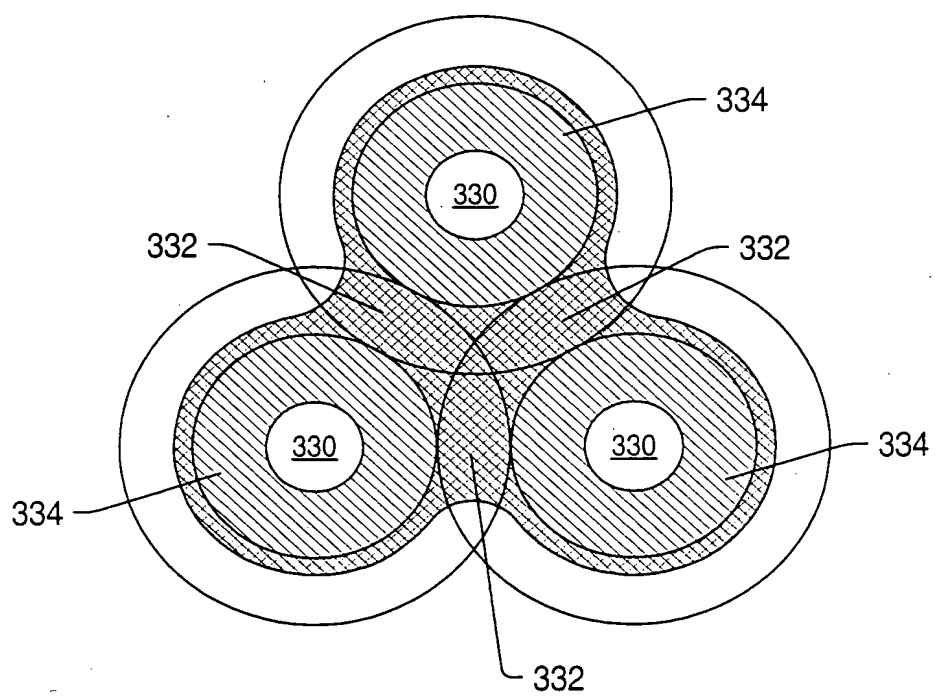


FIG. 7

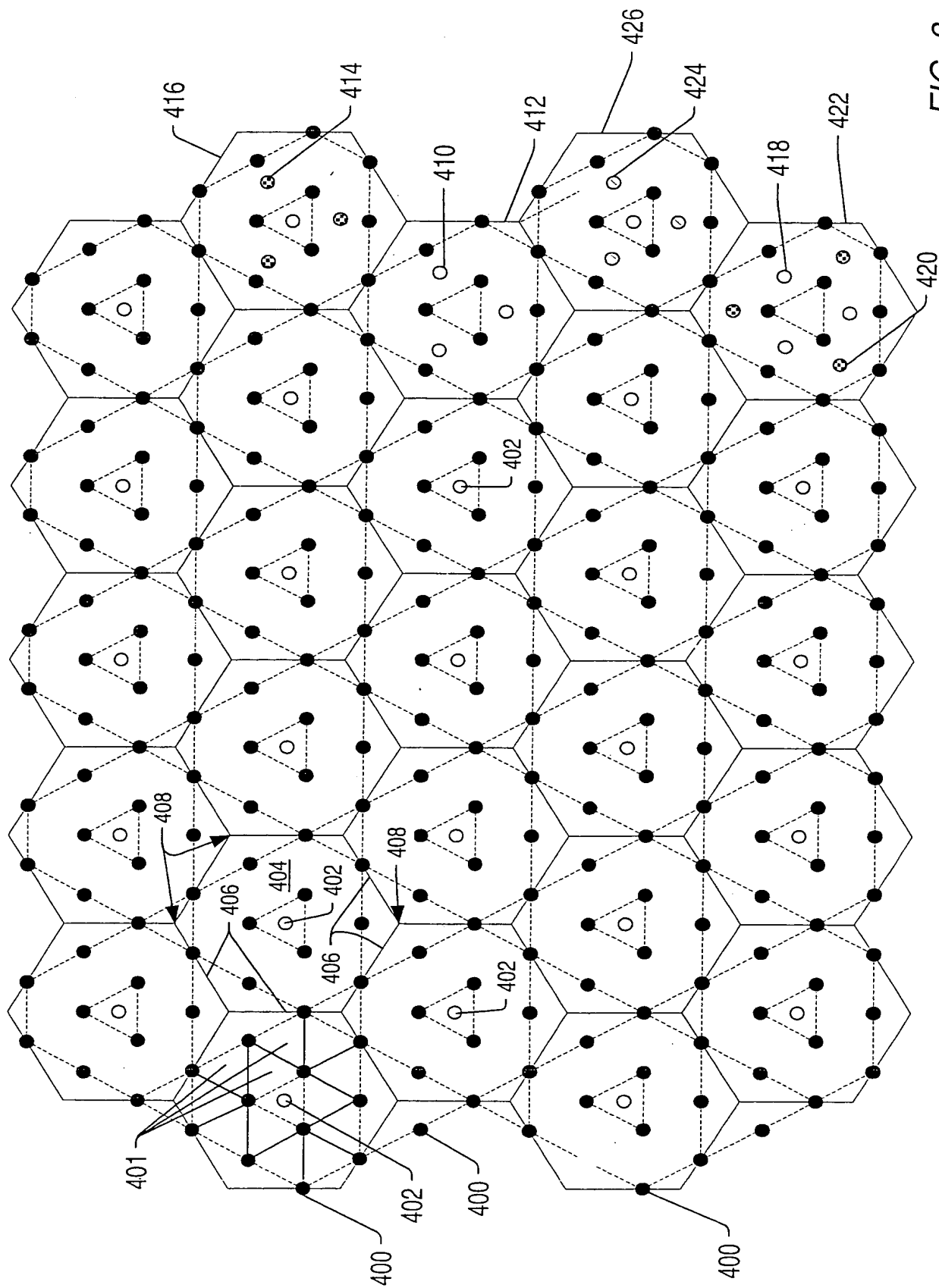


FIG. 8

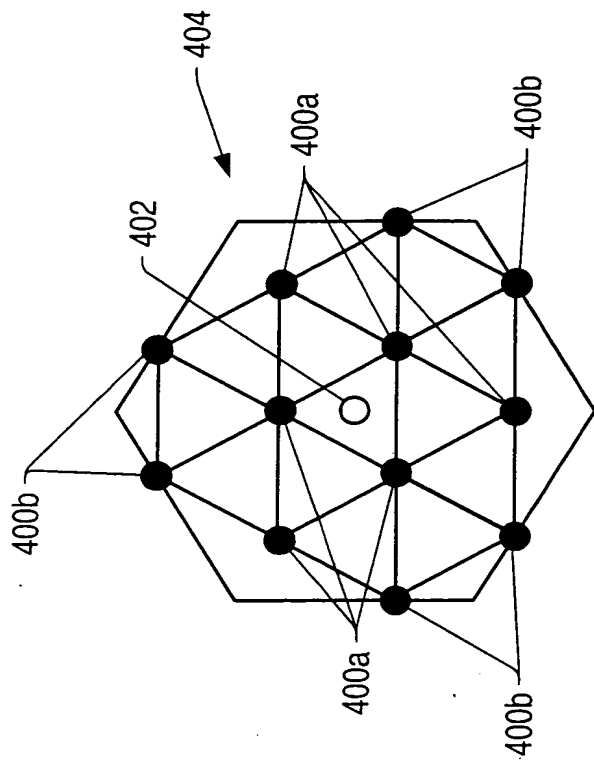


FIG. 9

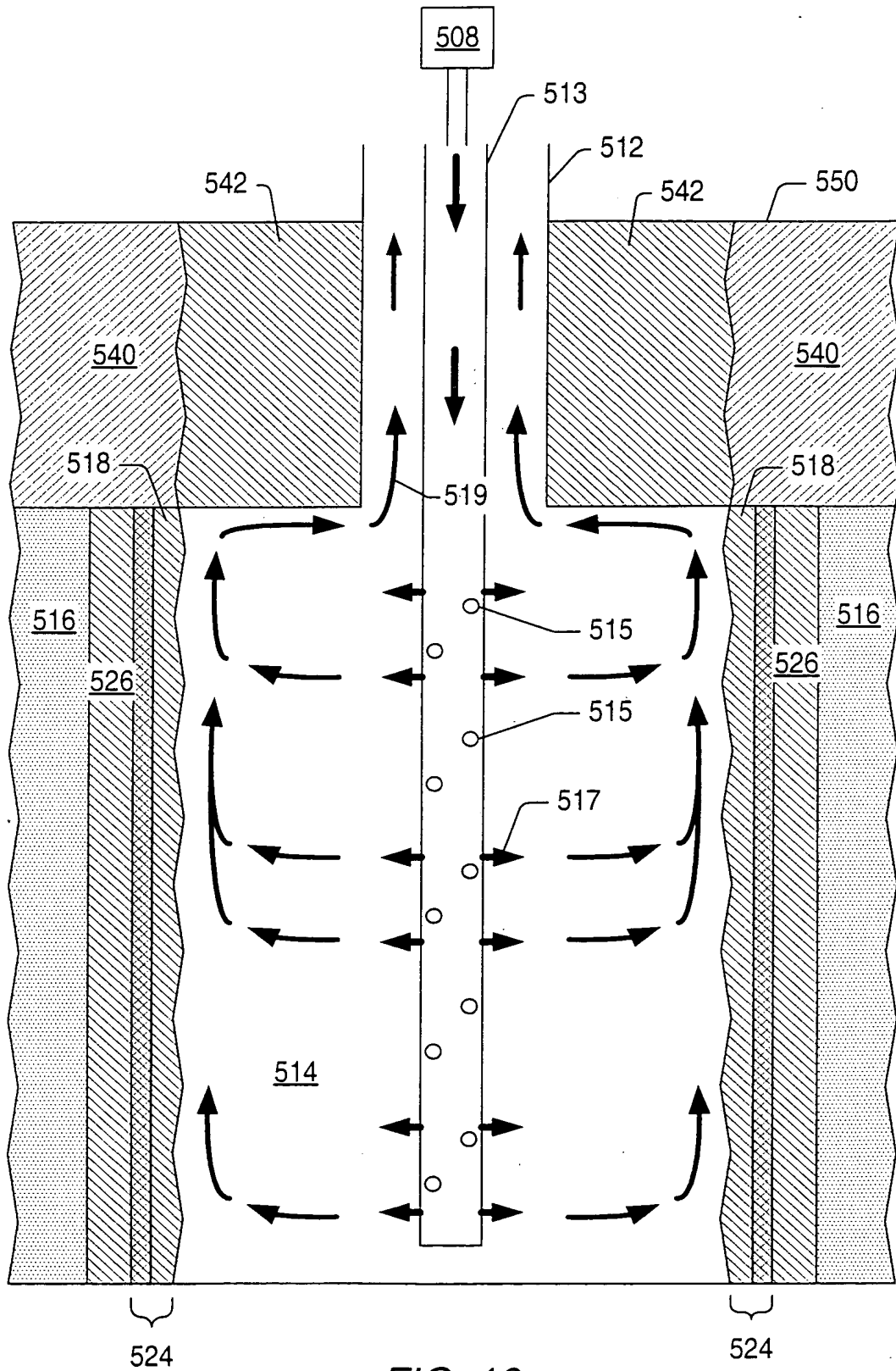


FIG. 10

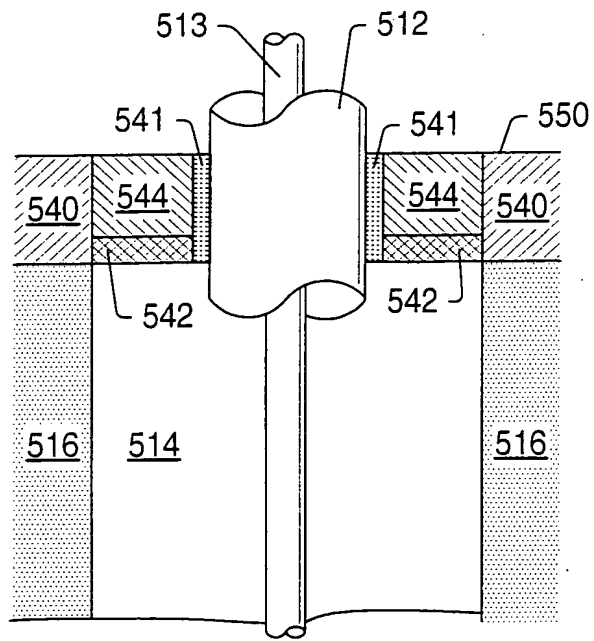


FIG. 11

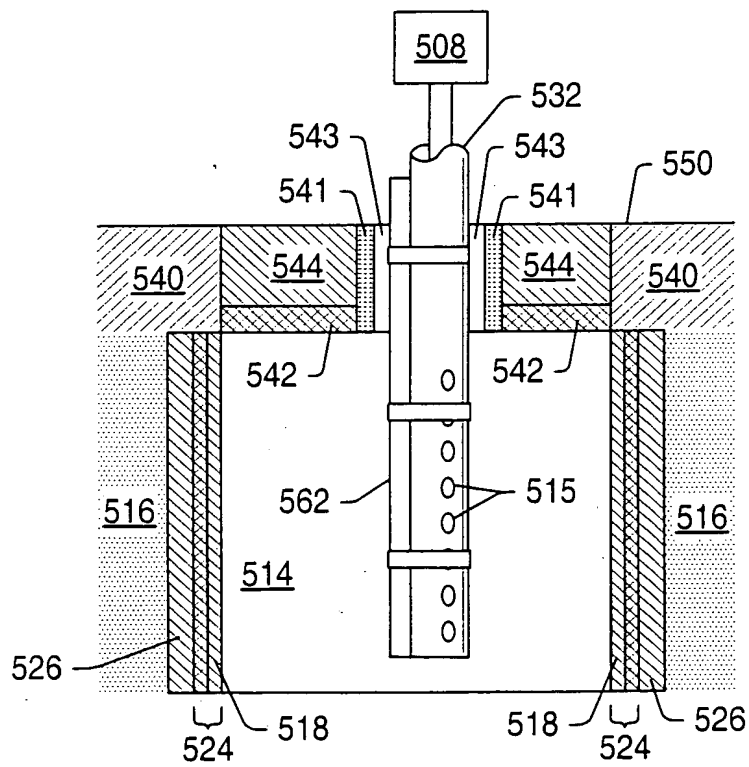


FIG. 12

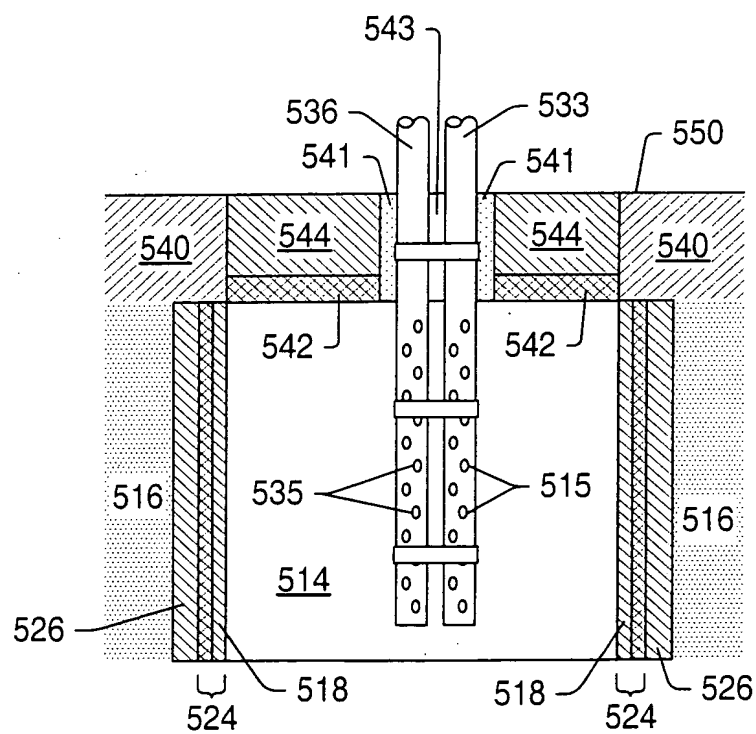


Fig. 13

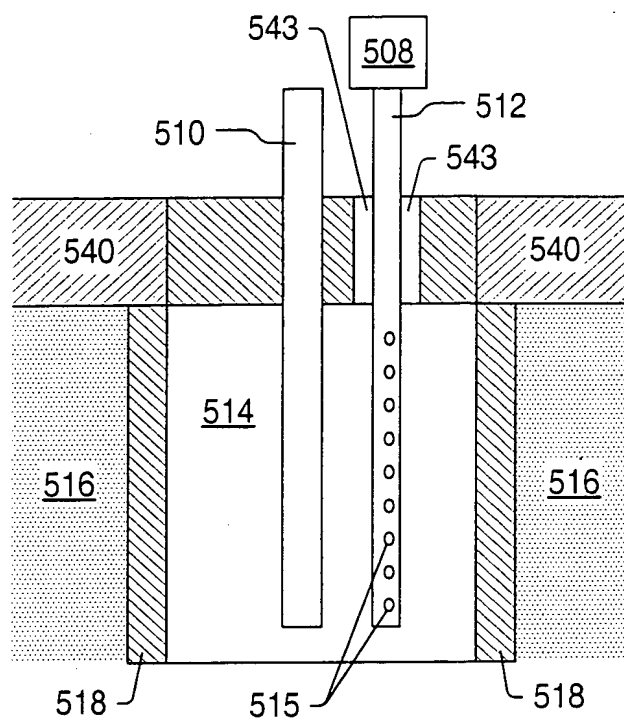


FIG. 14

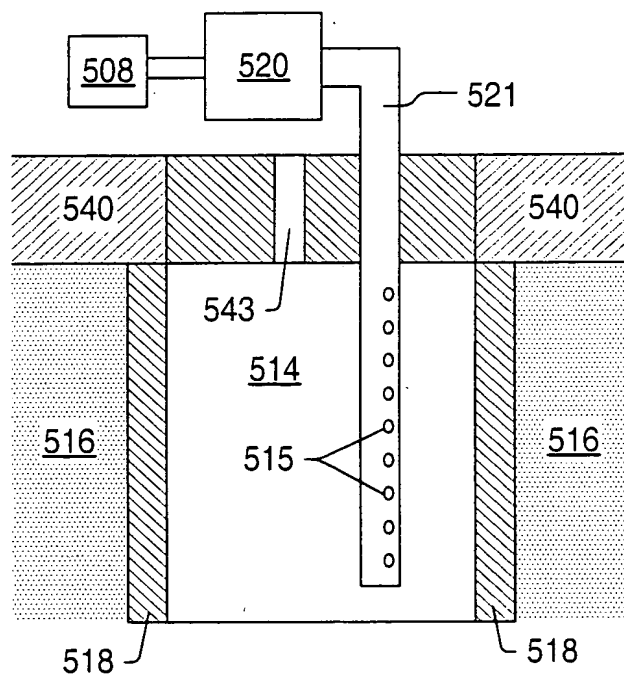


FIG. 15

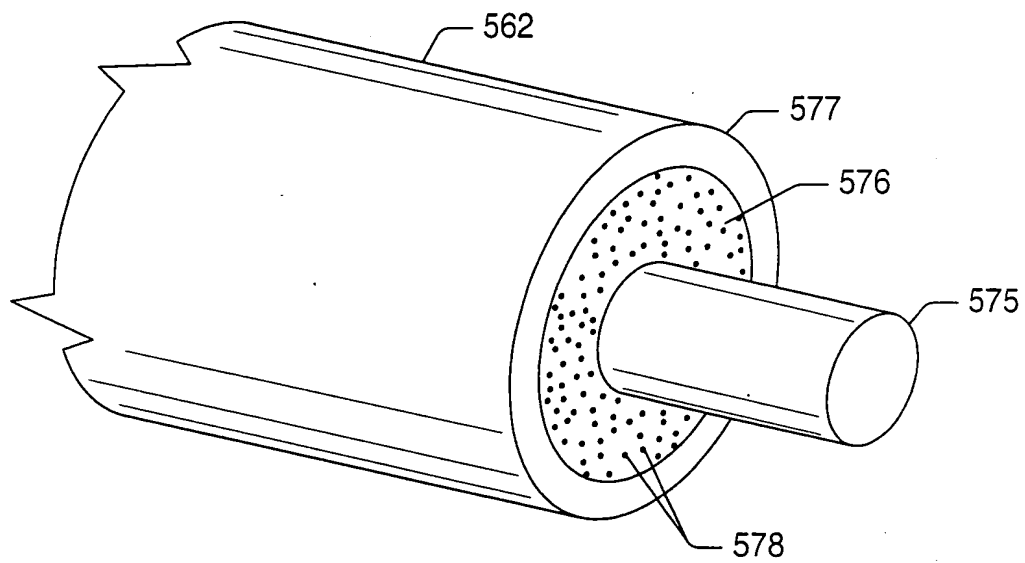


FIG. 16

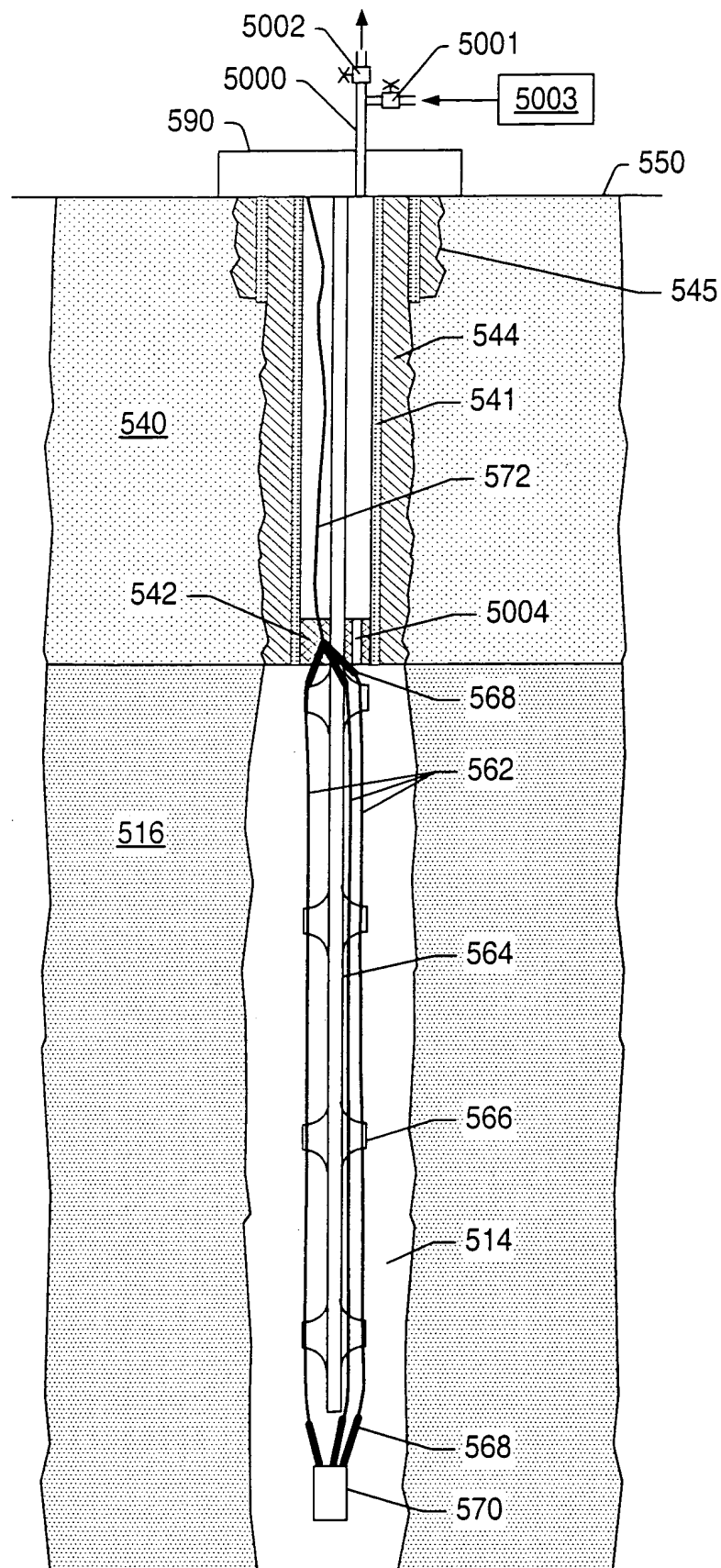


FIG. 17

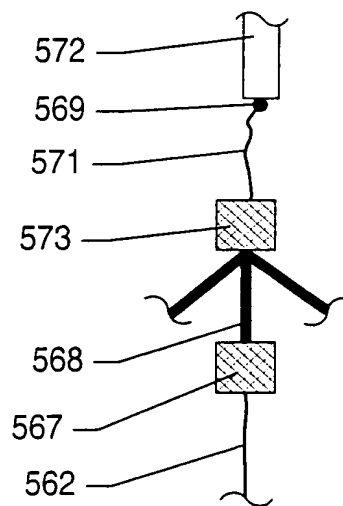


FIG. 17A

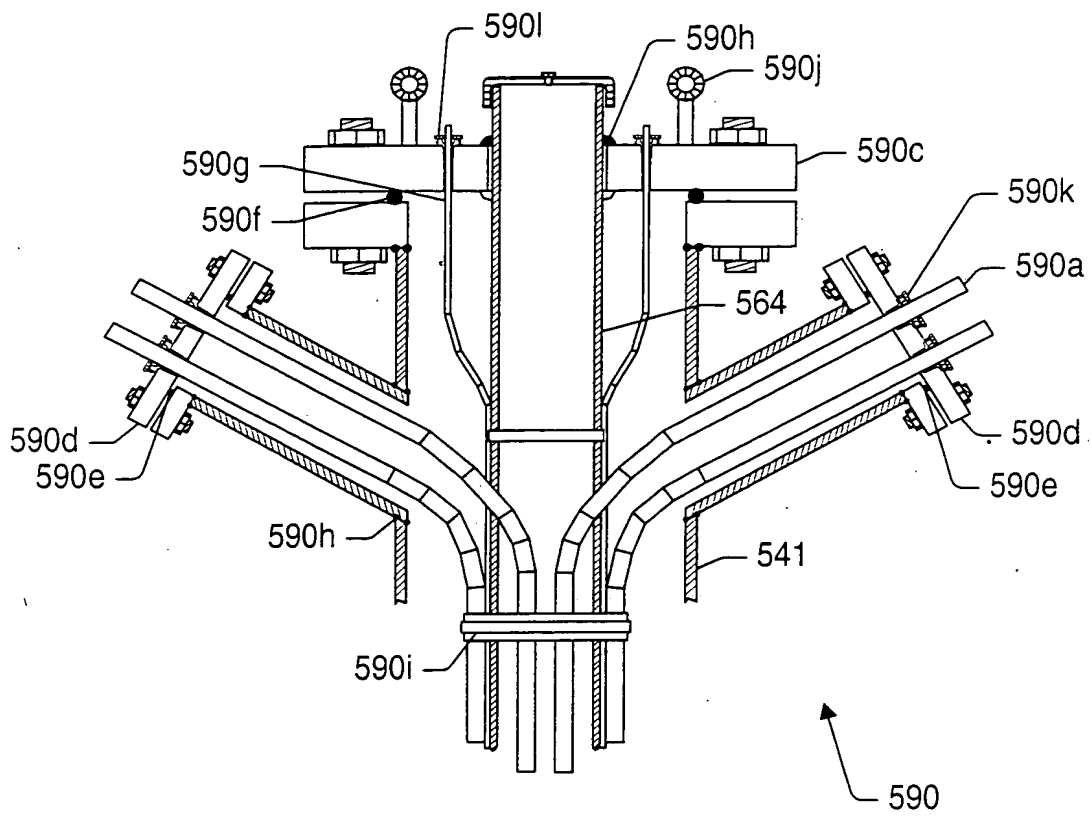


FIG. 18

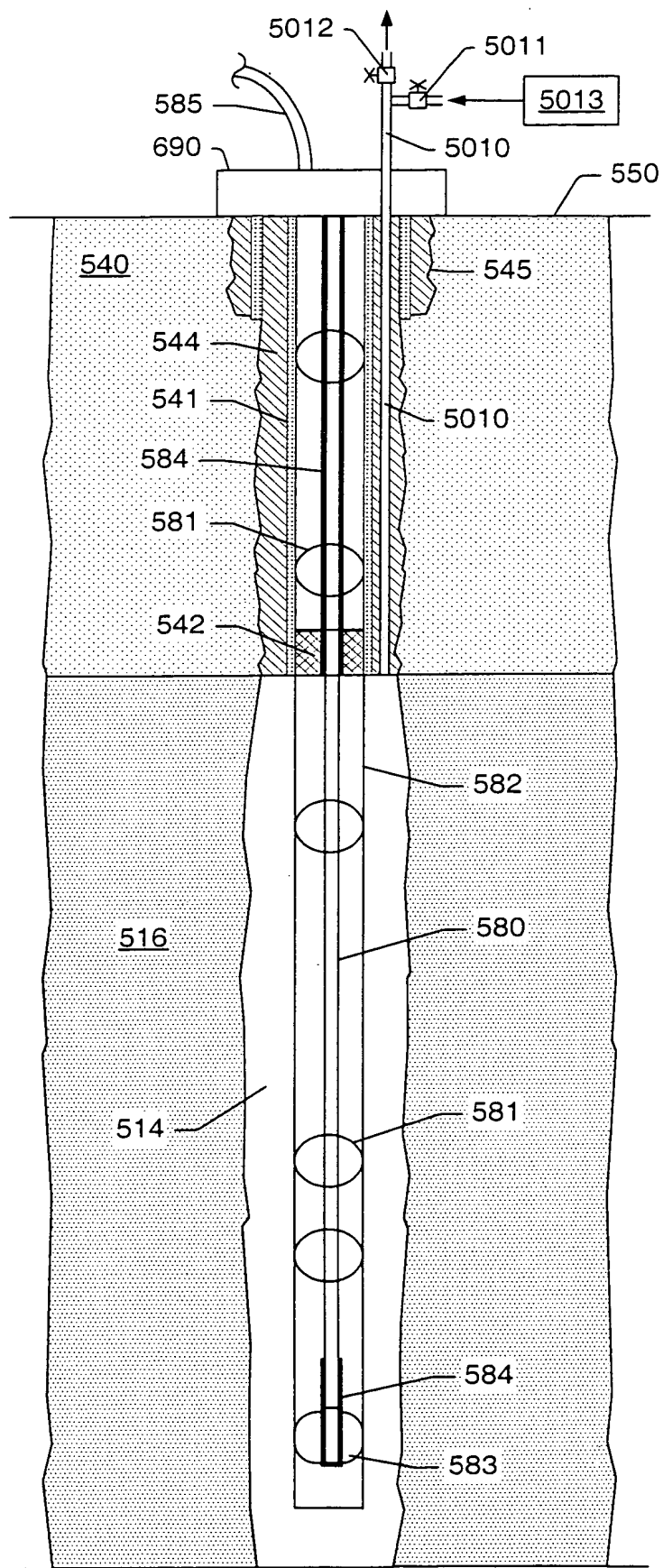


FIG. 19

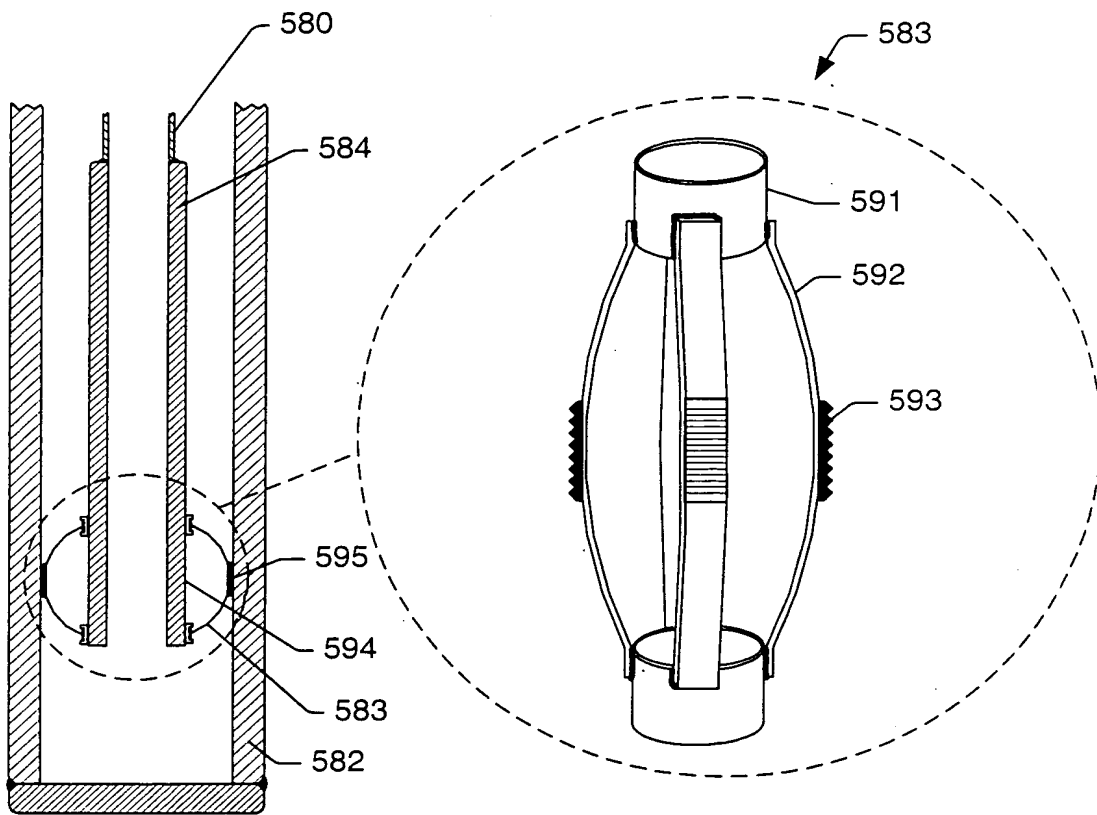


FIG. 20

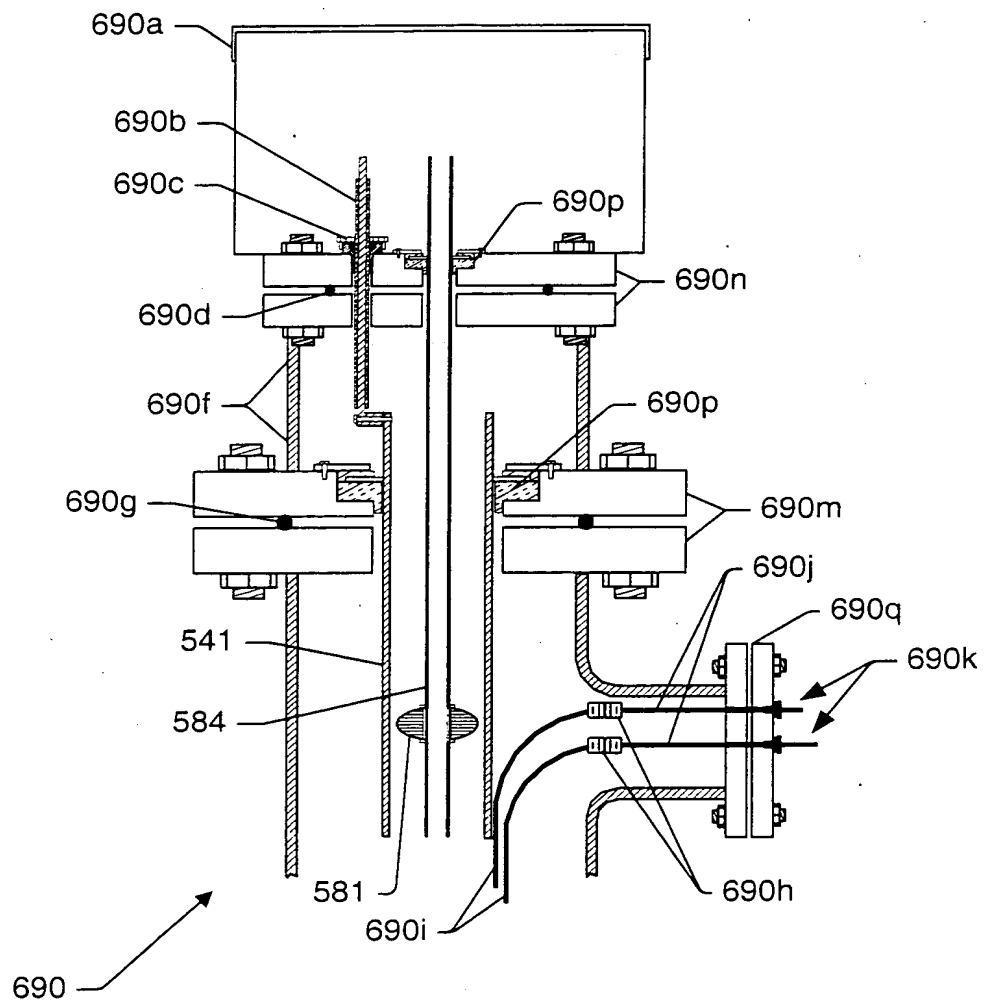


FIG. 21

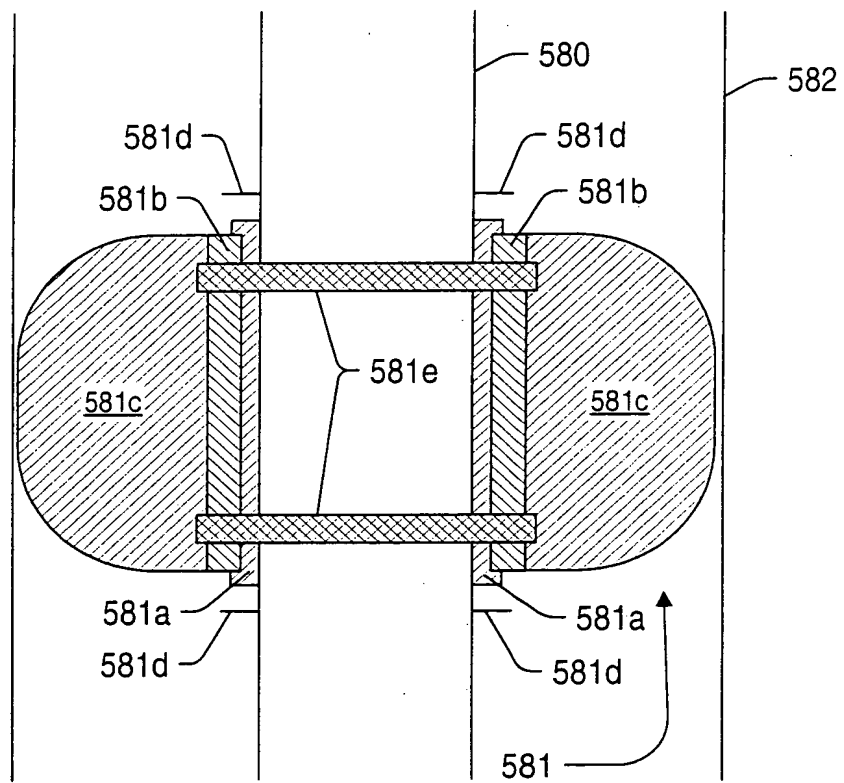


FIG. 22

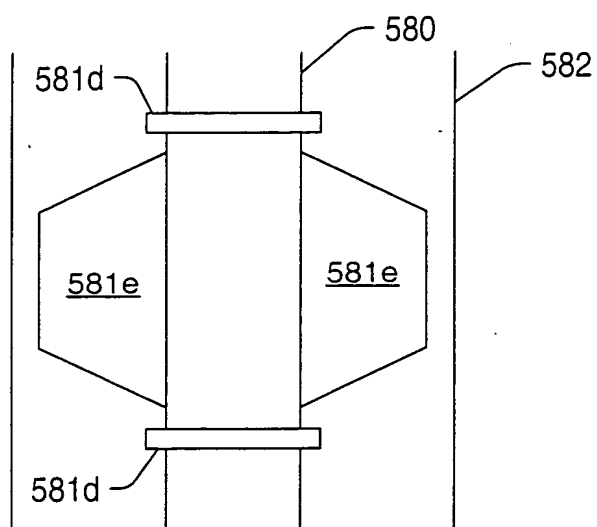


FIG. 23a

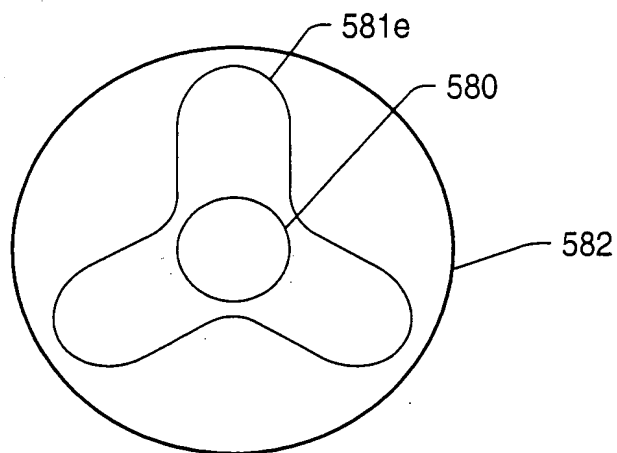


FIG. 23b

FIG. 24

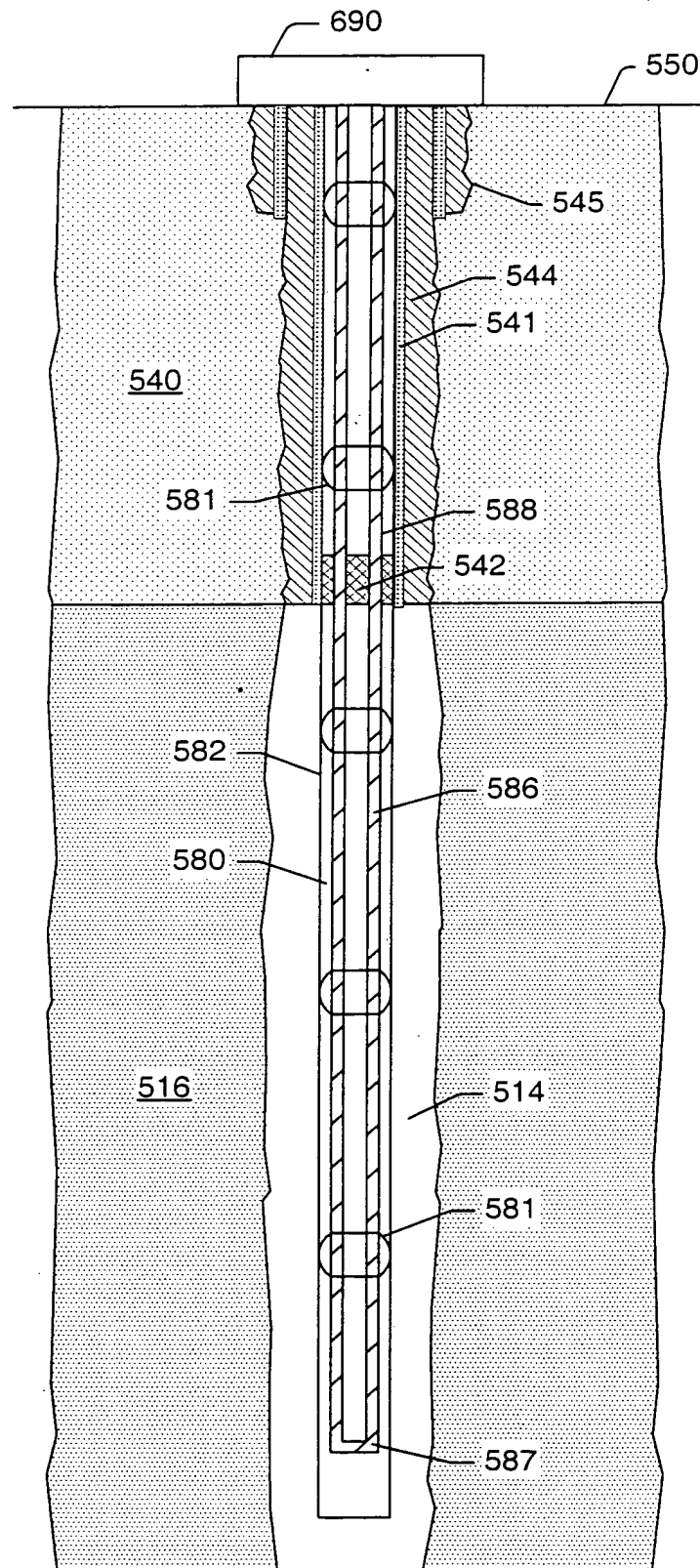


Fig. 24

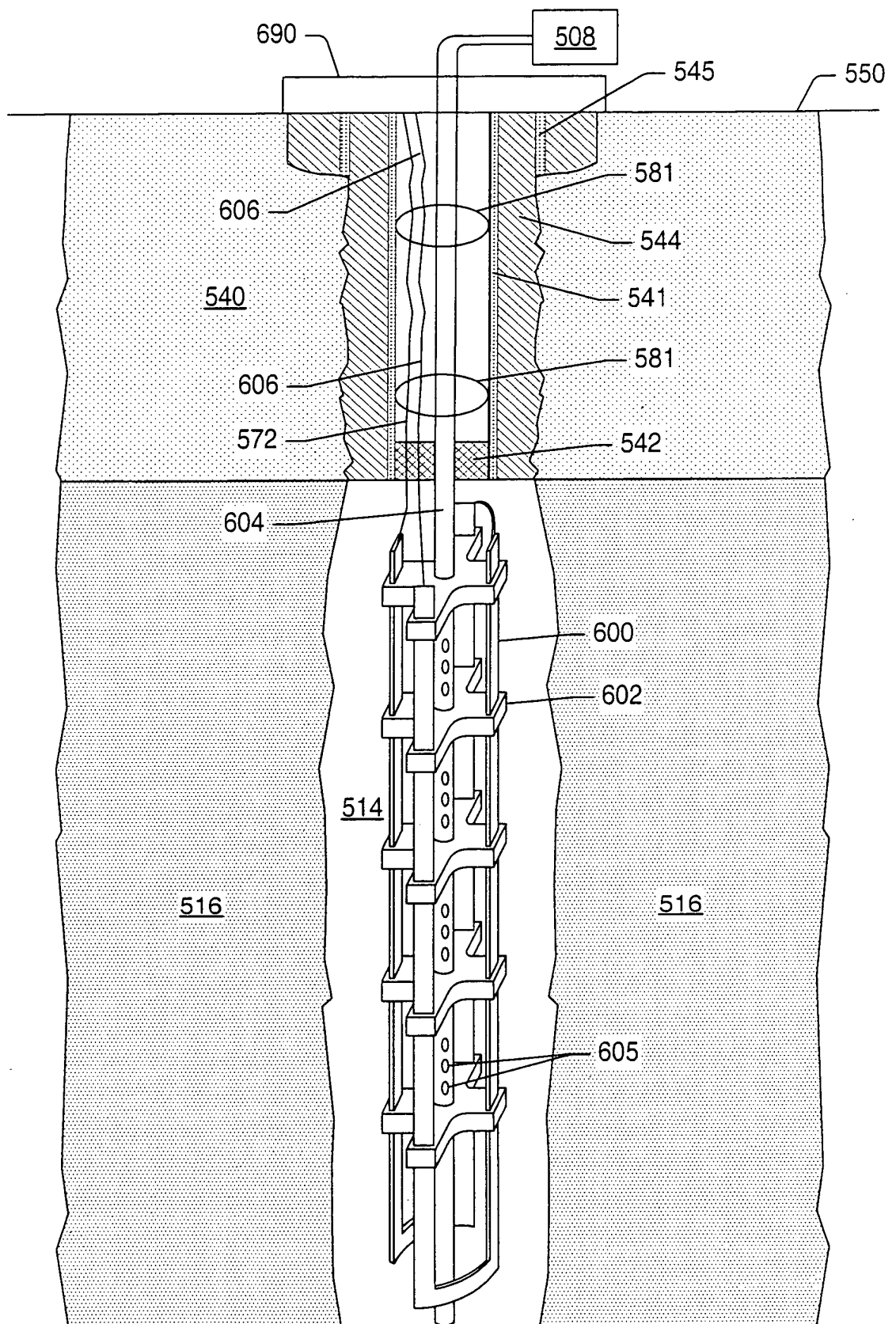


FIG. 25

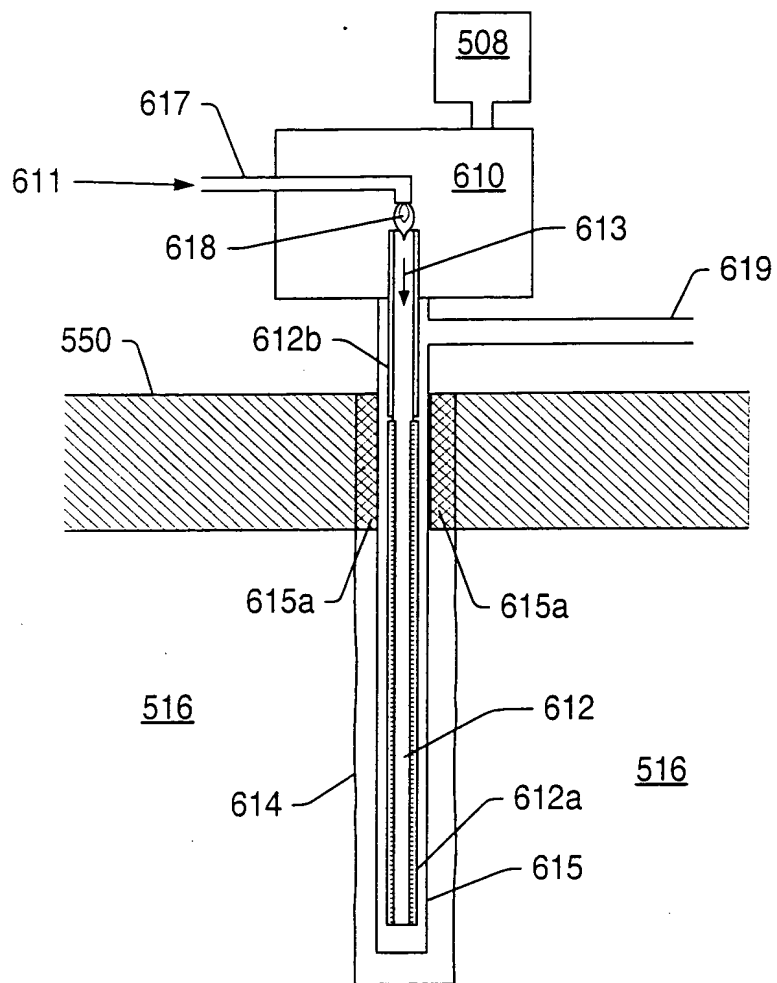


FIG. 26

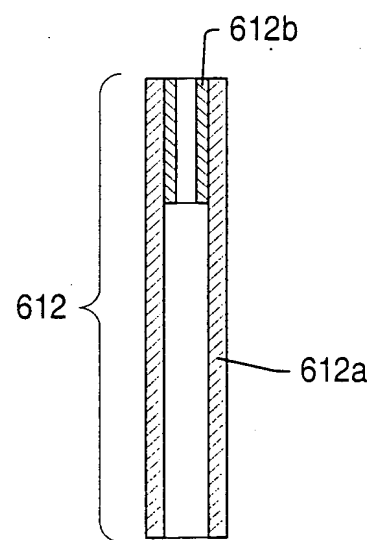


FIG. 27

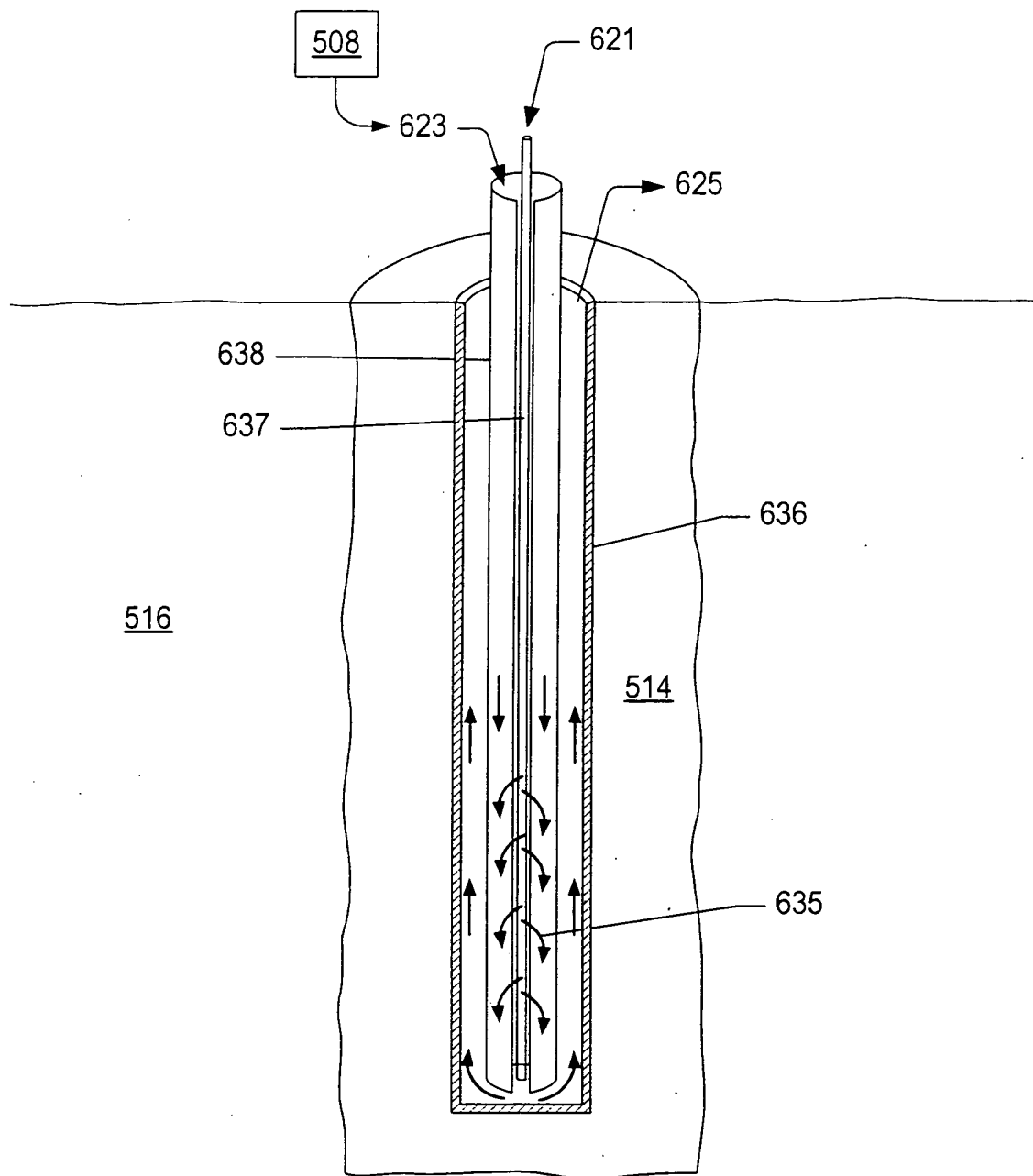


FIG. 28

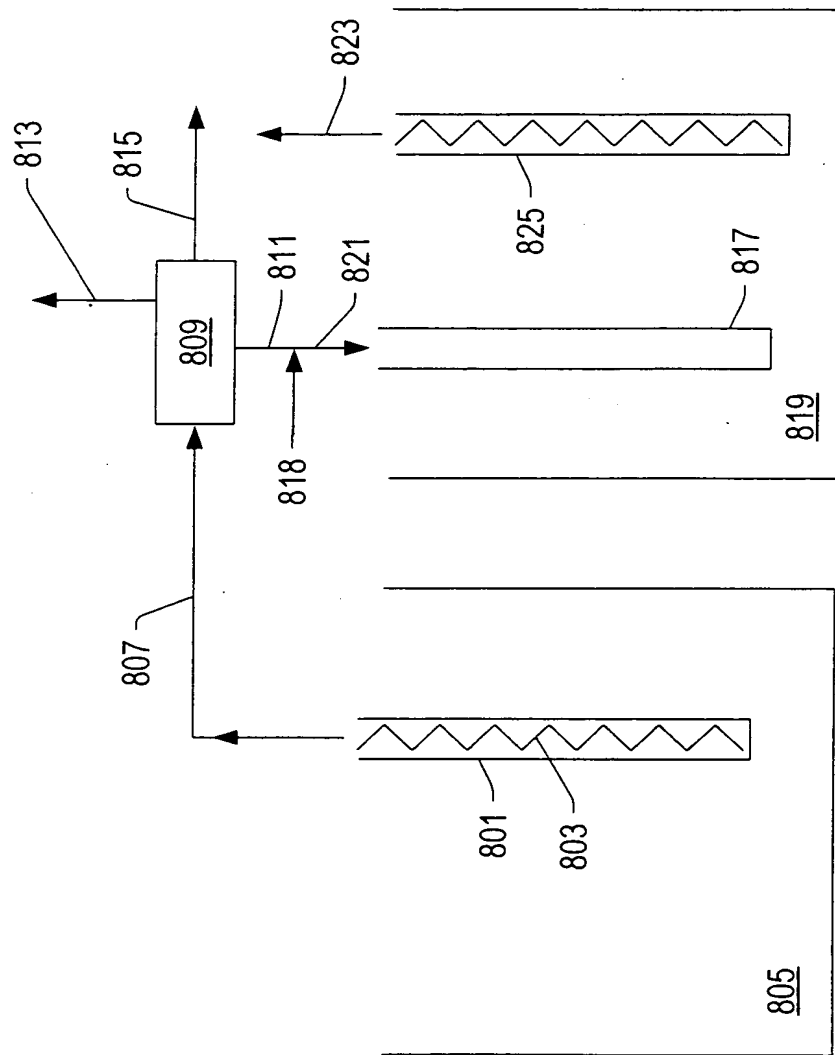


FIG. 29

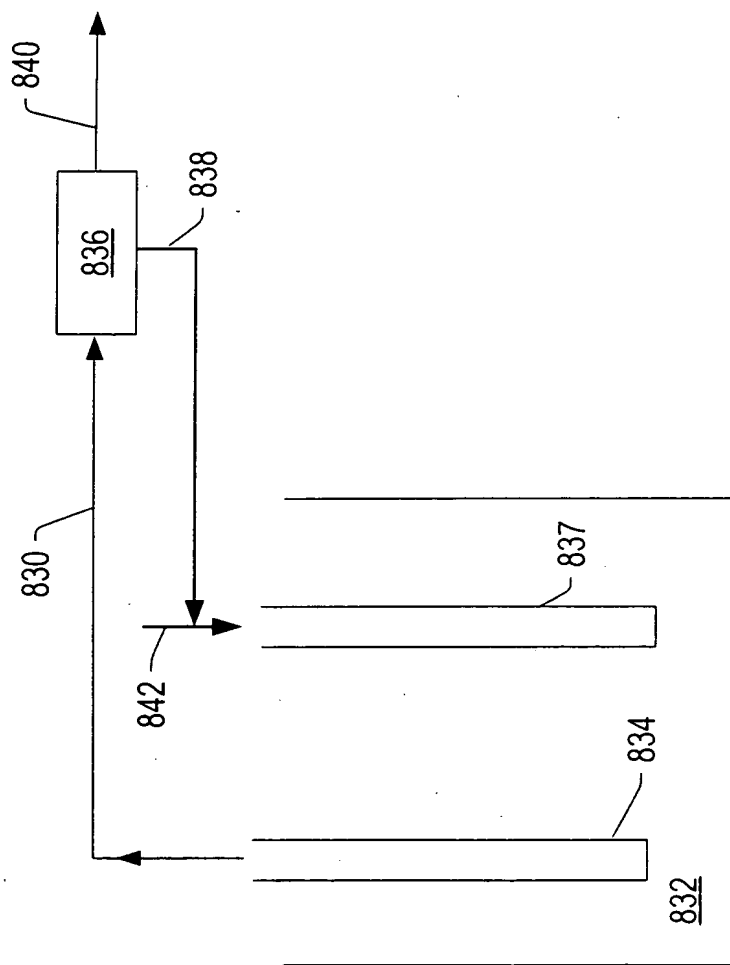


FIG. 30

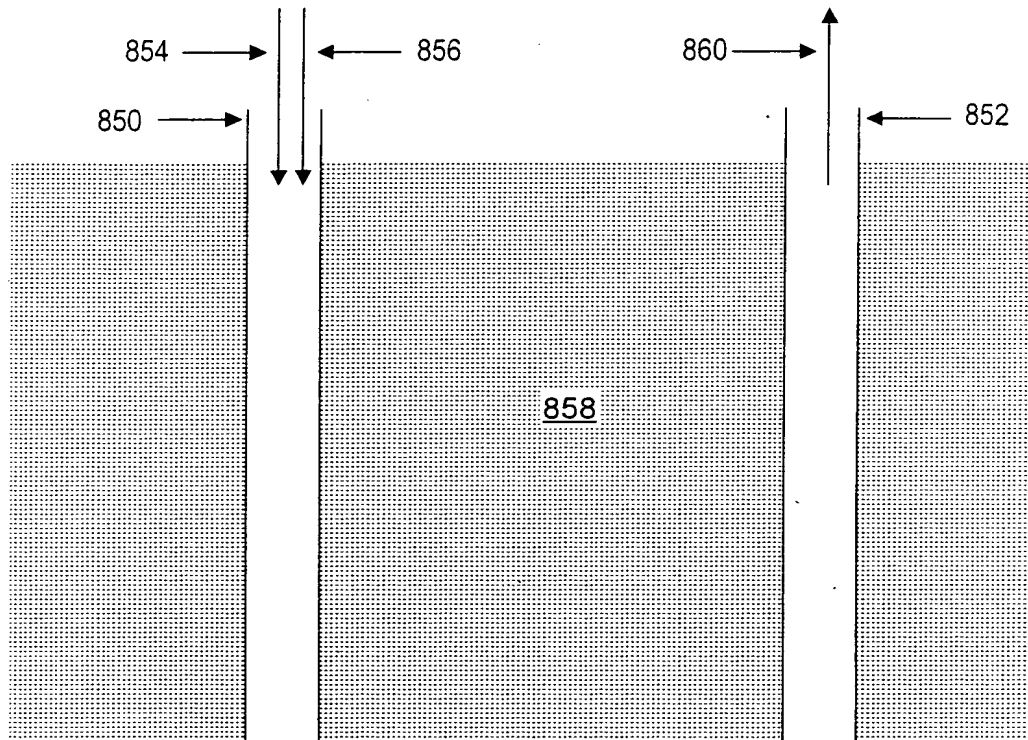


FIG. 31

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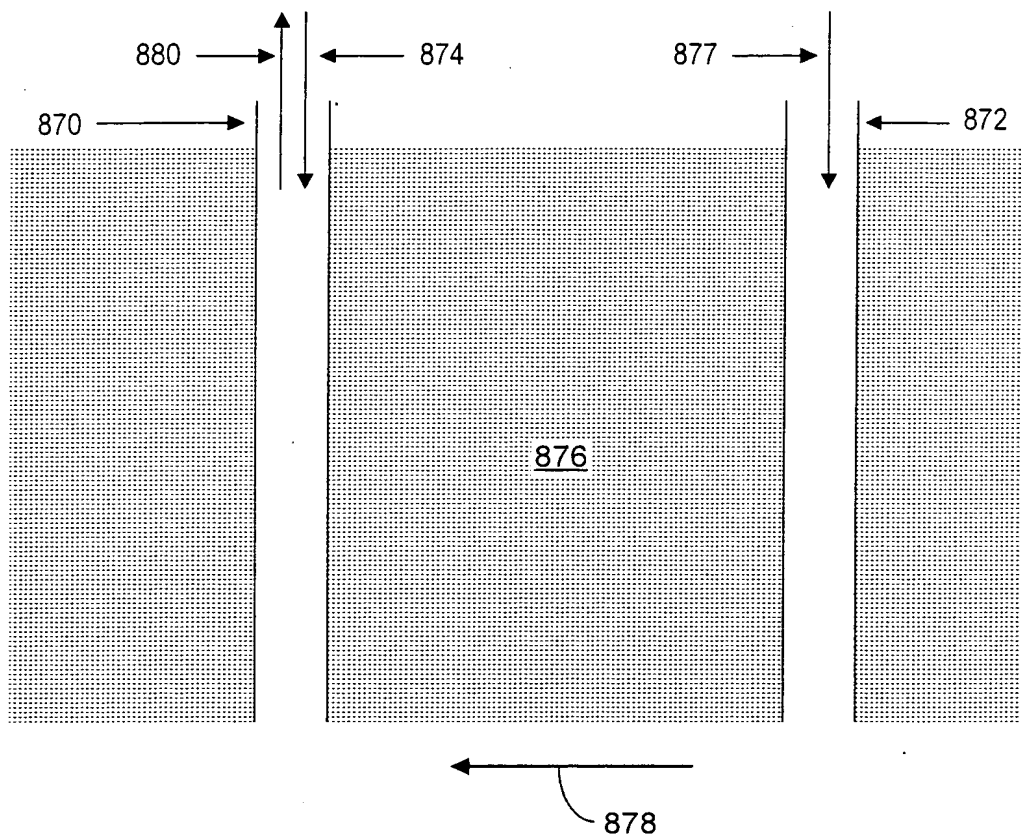


FIG. 32

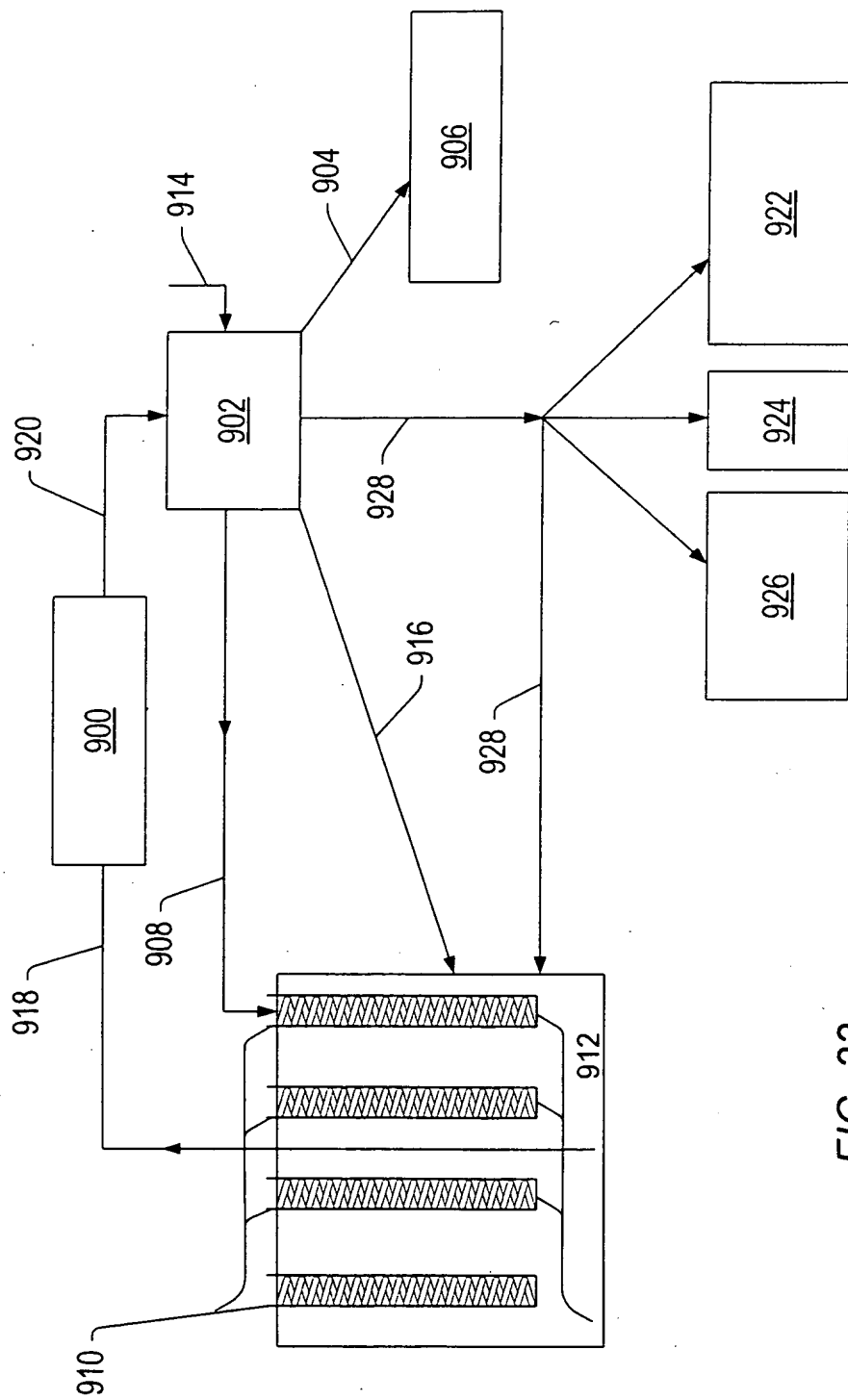


FIG. 33

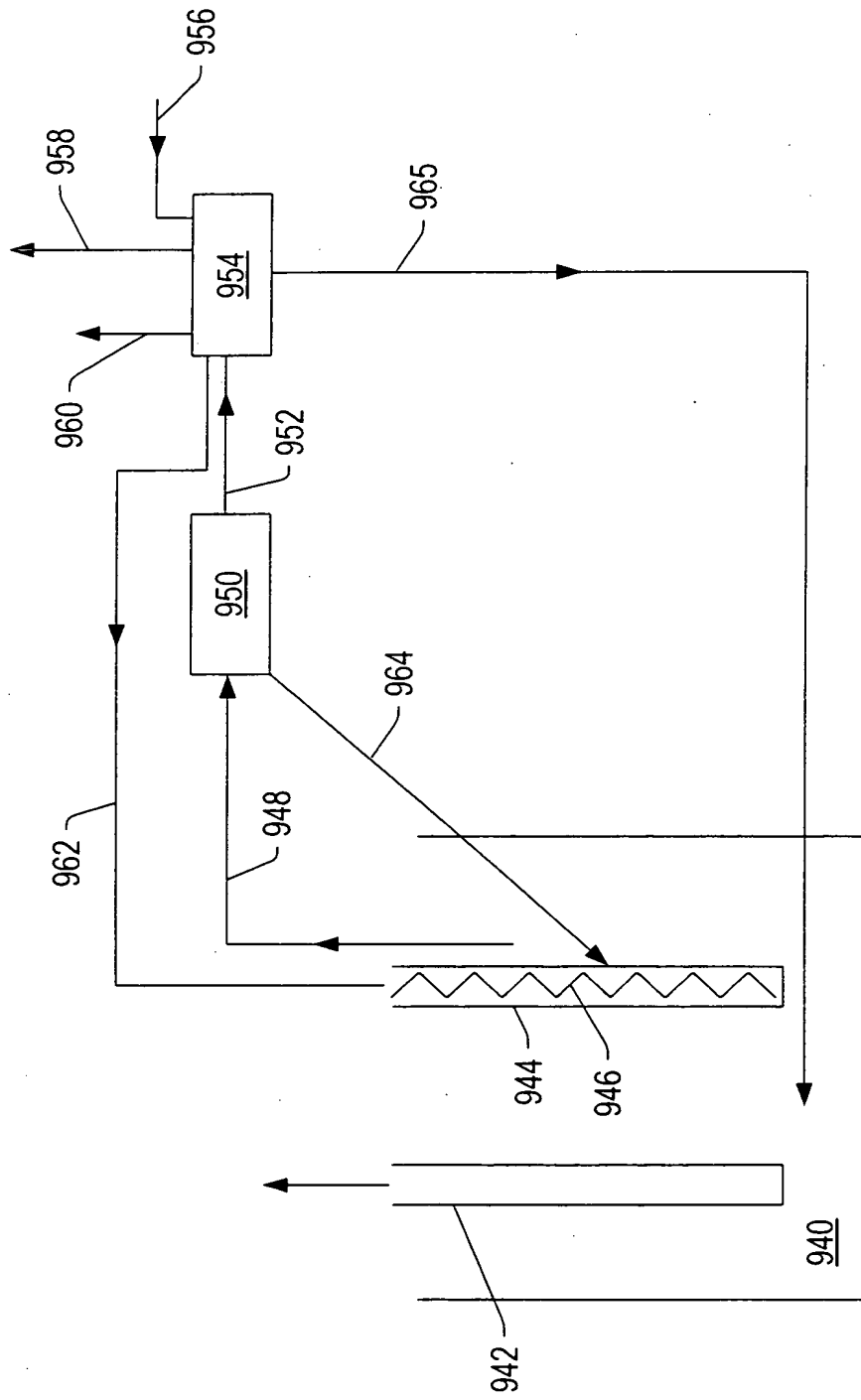


FIG. 34

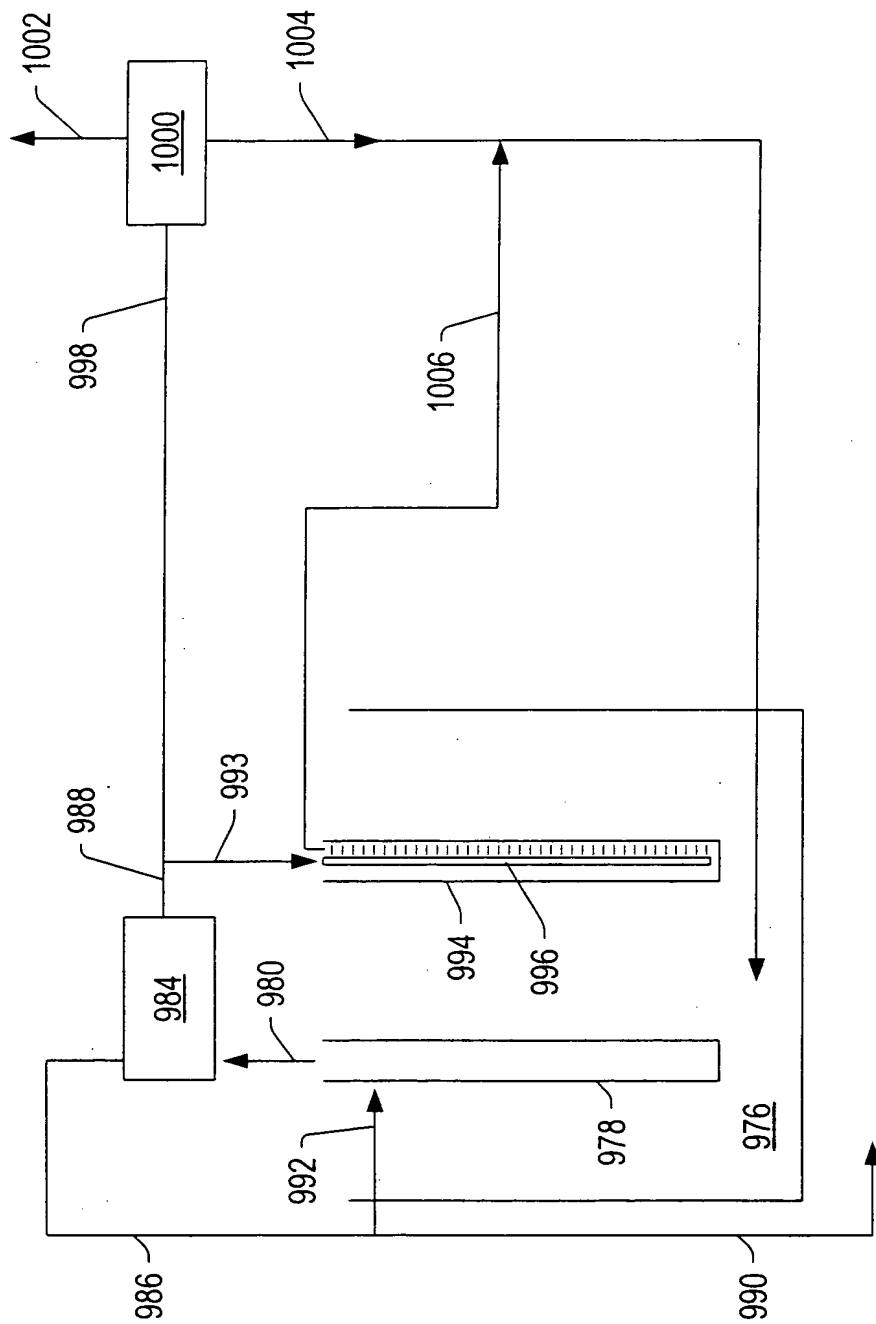


FIG. 35

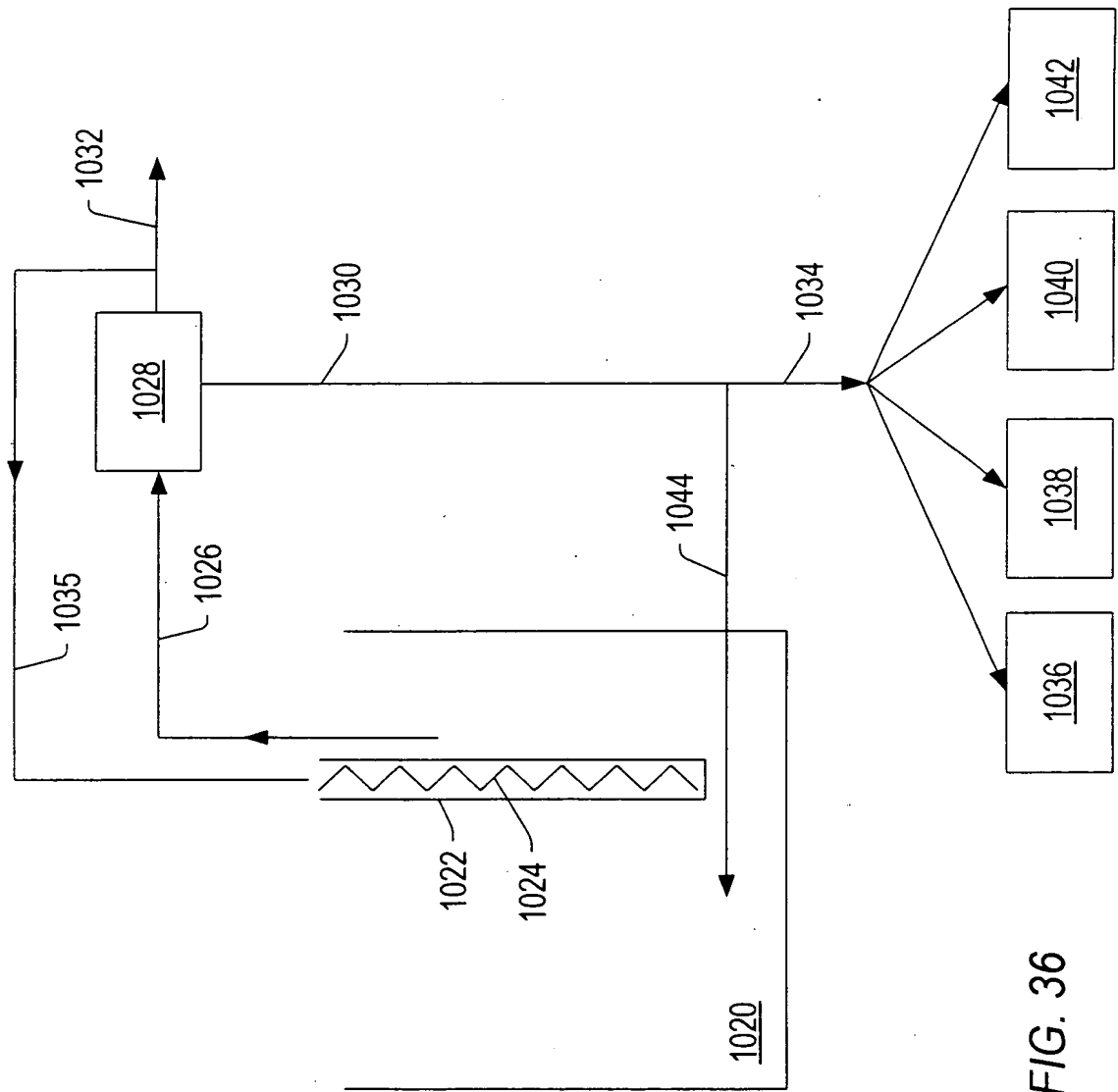


FIG. 36

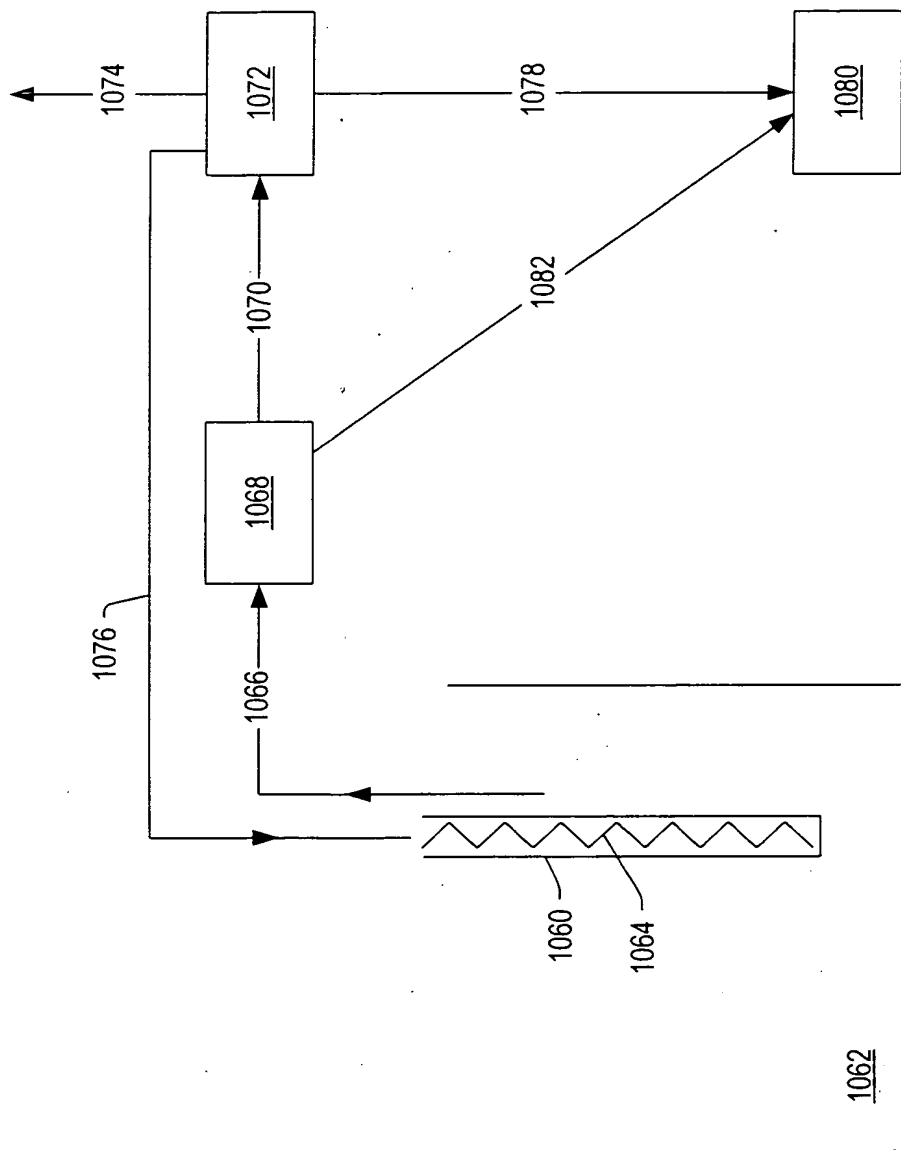


FIG. 37

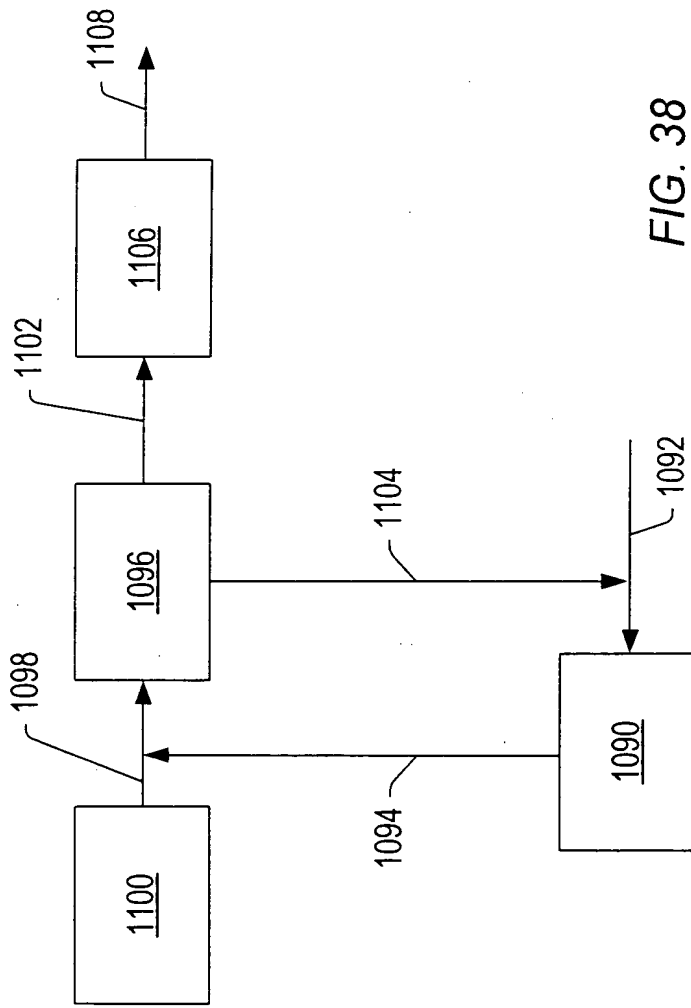


FIG. 38

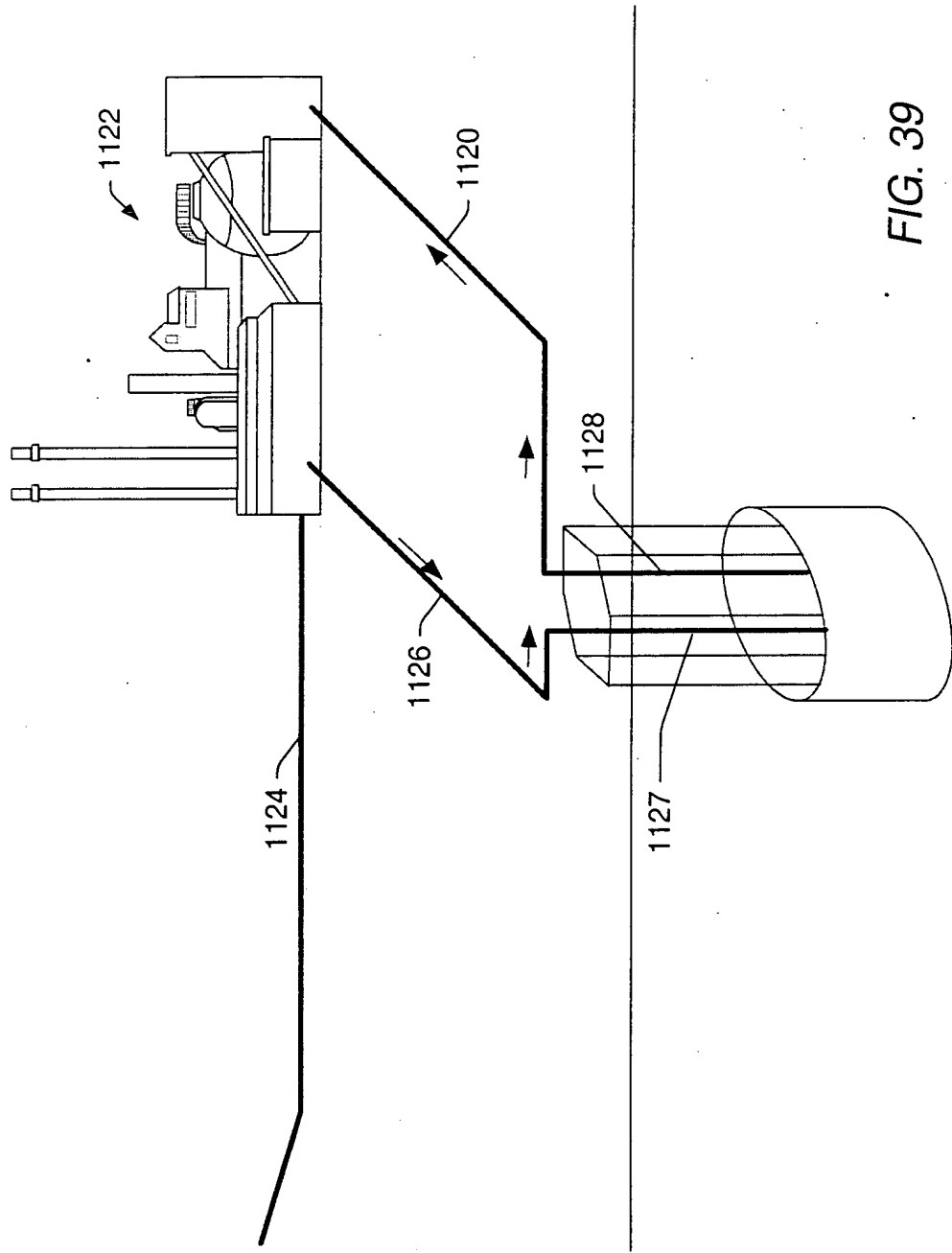
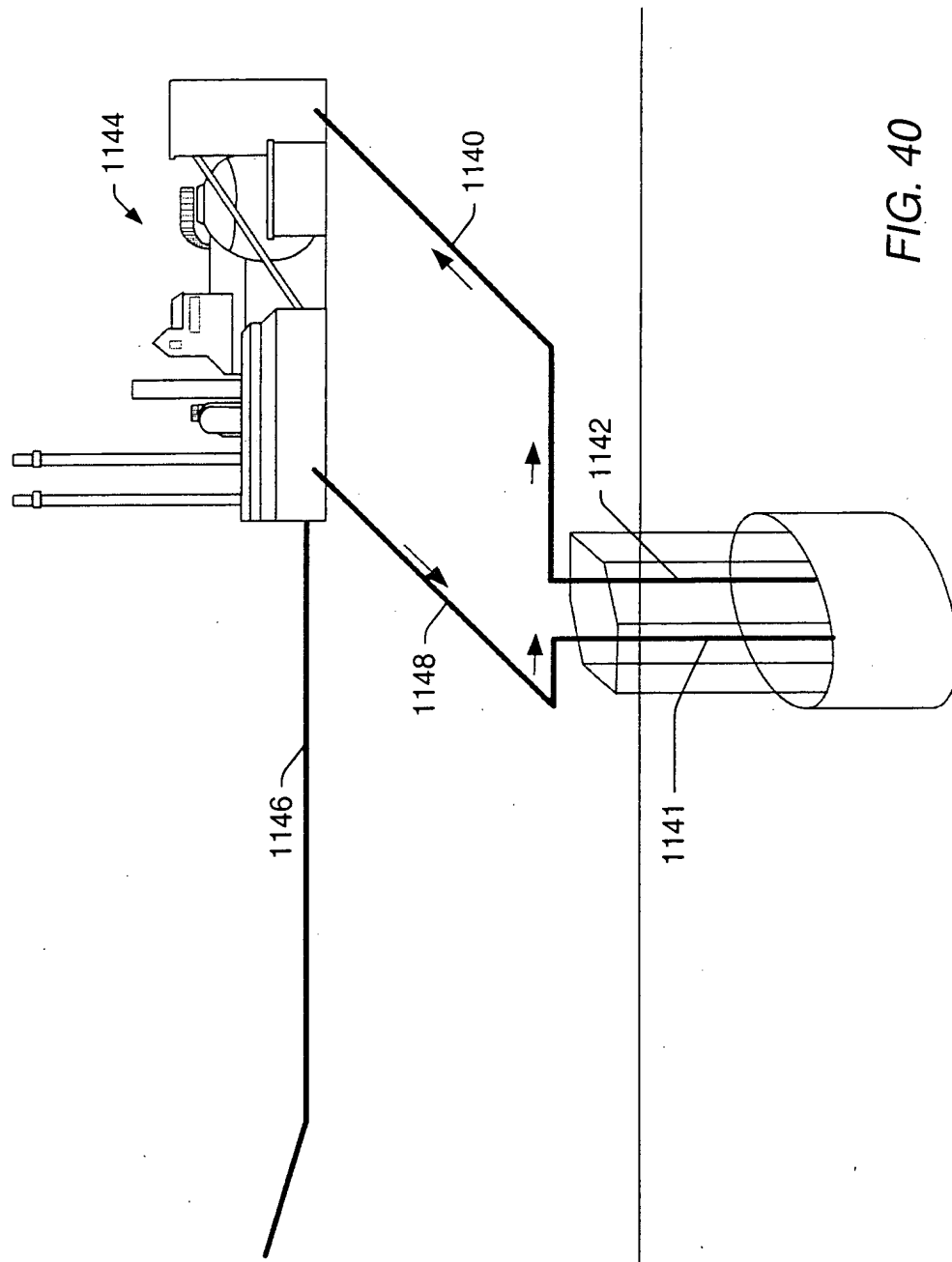


FIG. 39



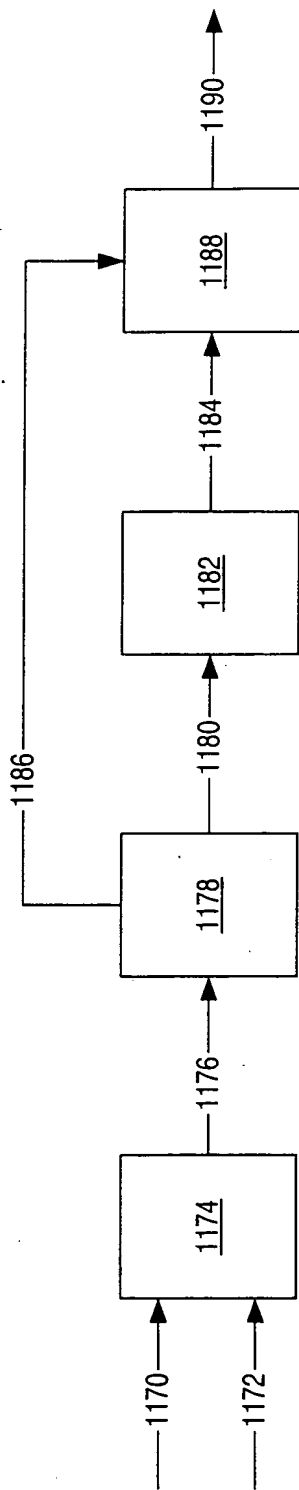


FIG. 41

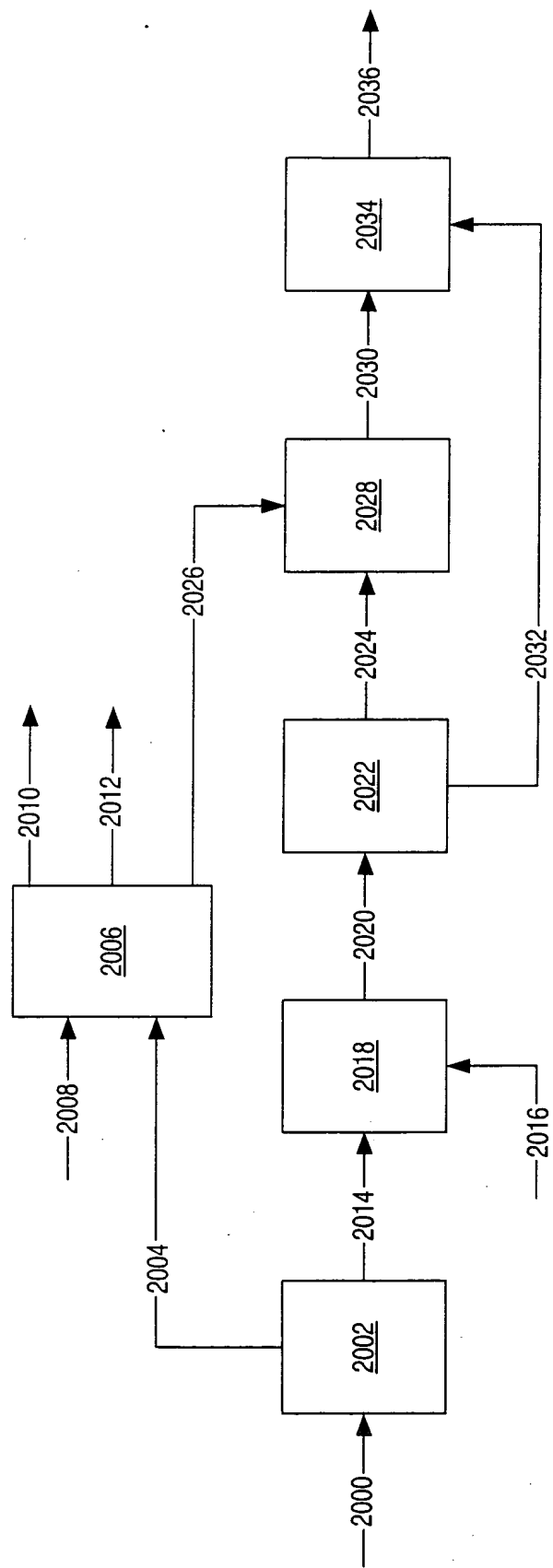


FIG. 42

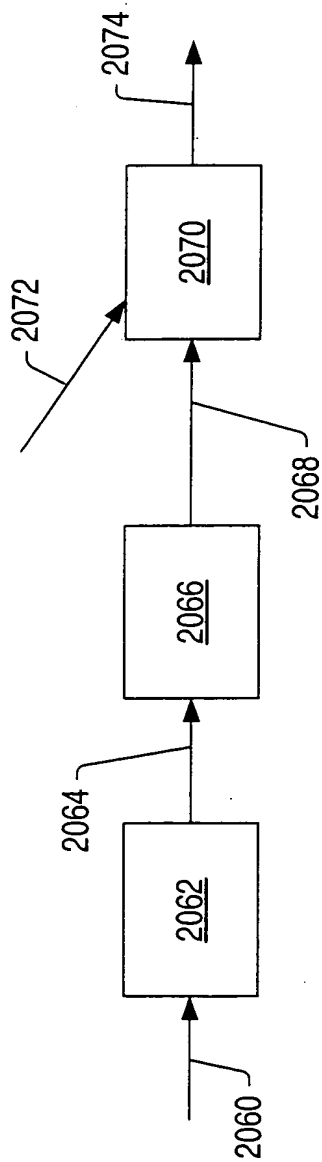


FIG. 43

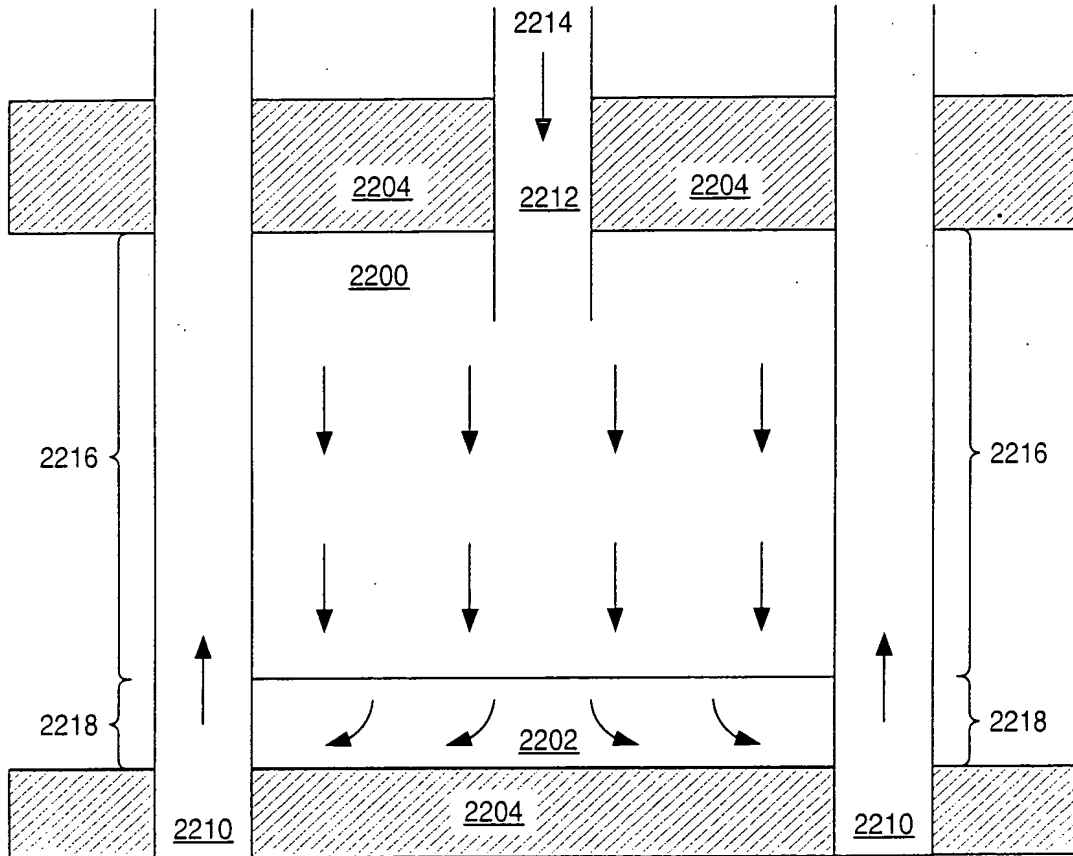


FIG. 44

FIG. 45

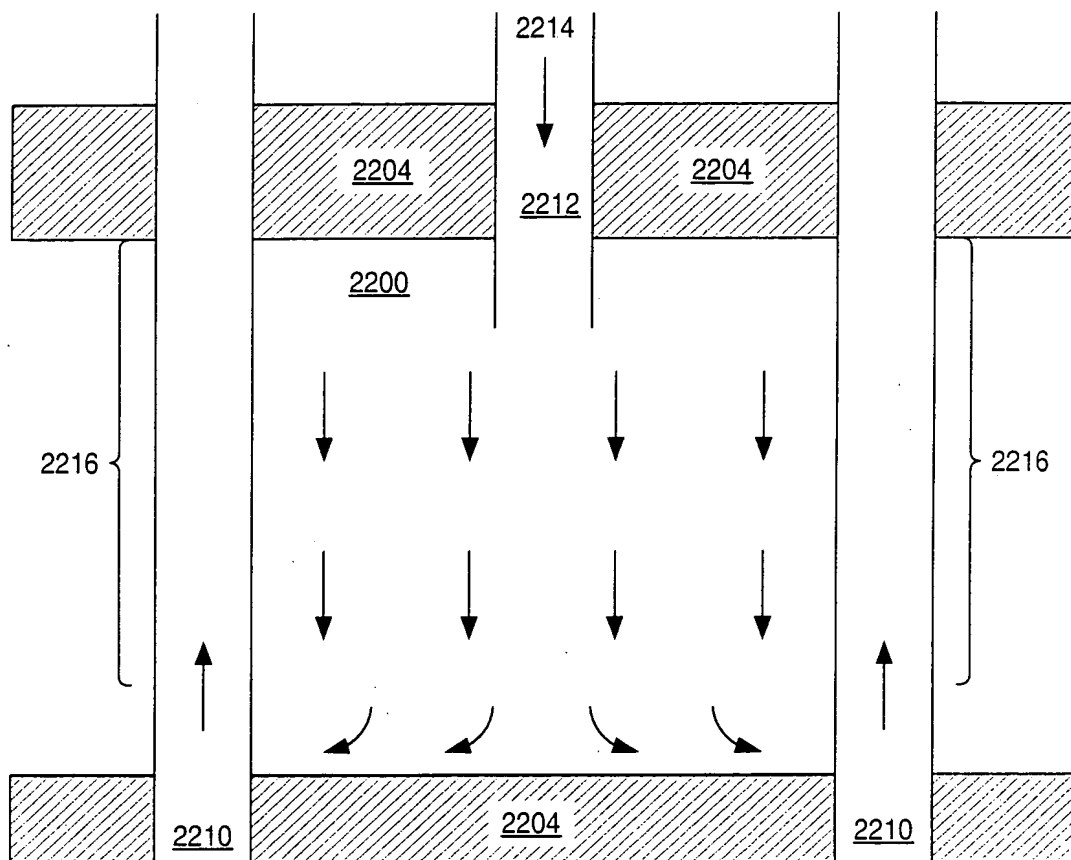


FIG. 45

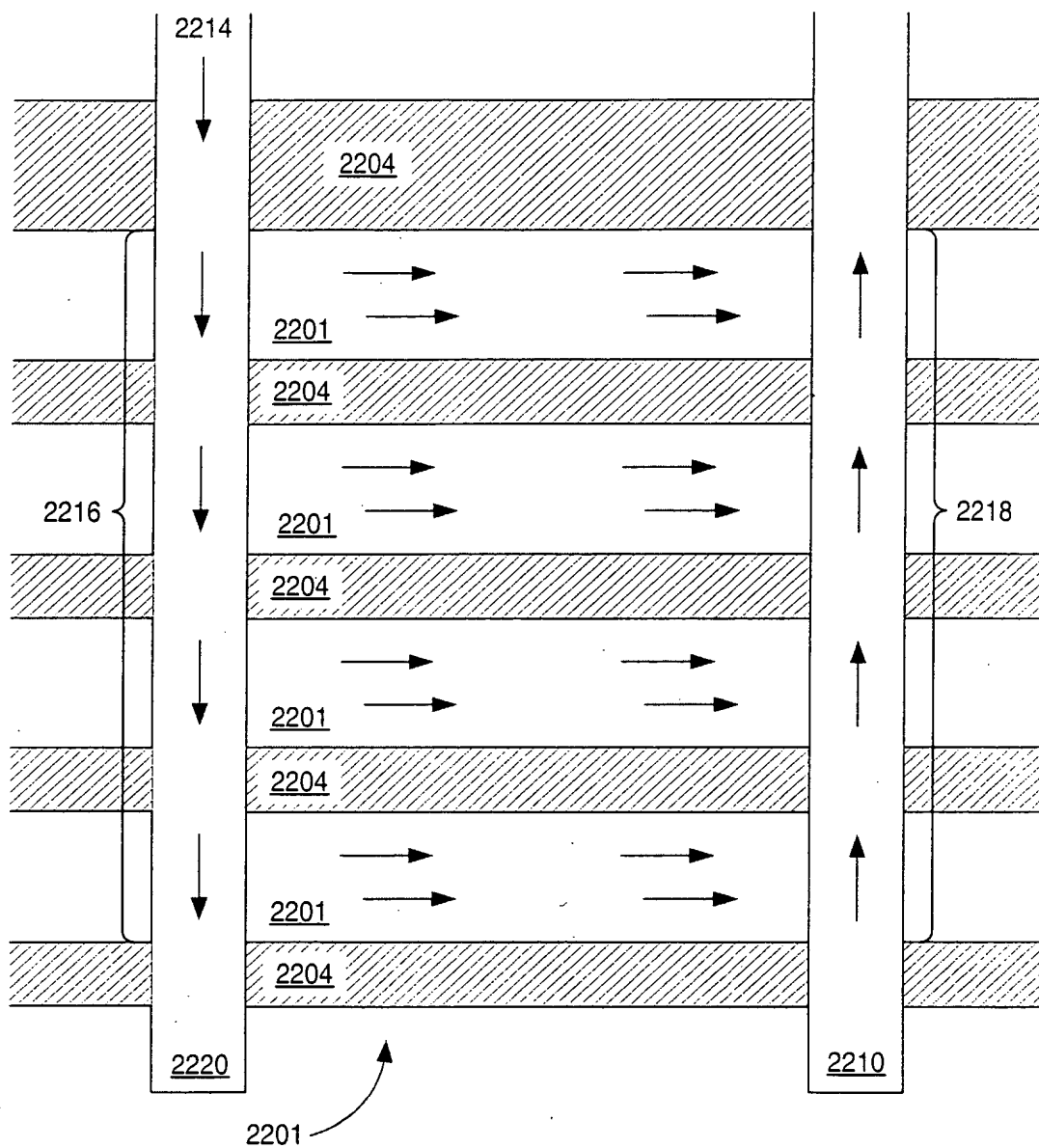


FIG. 46

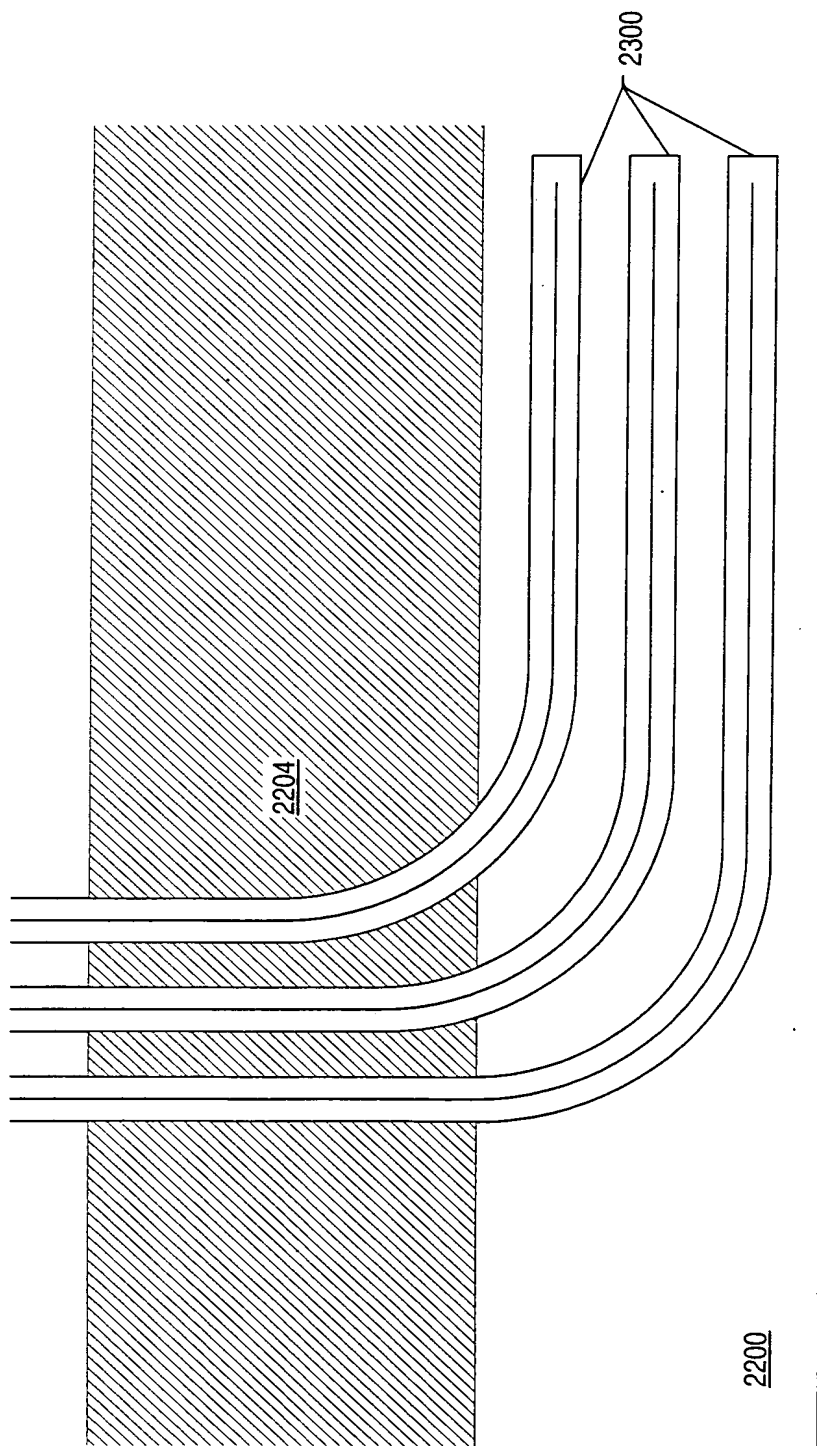


FIG. 47

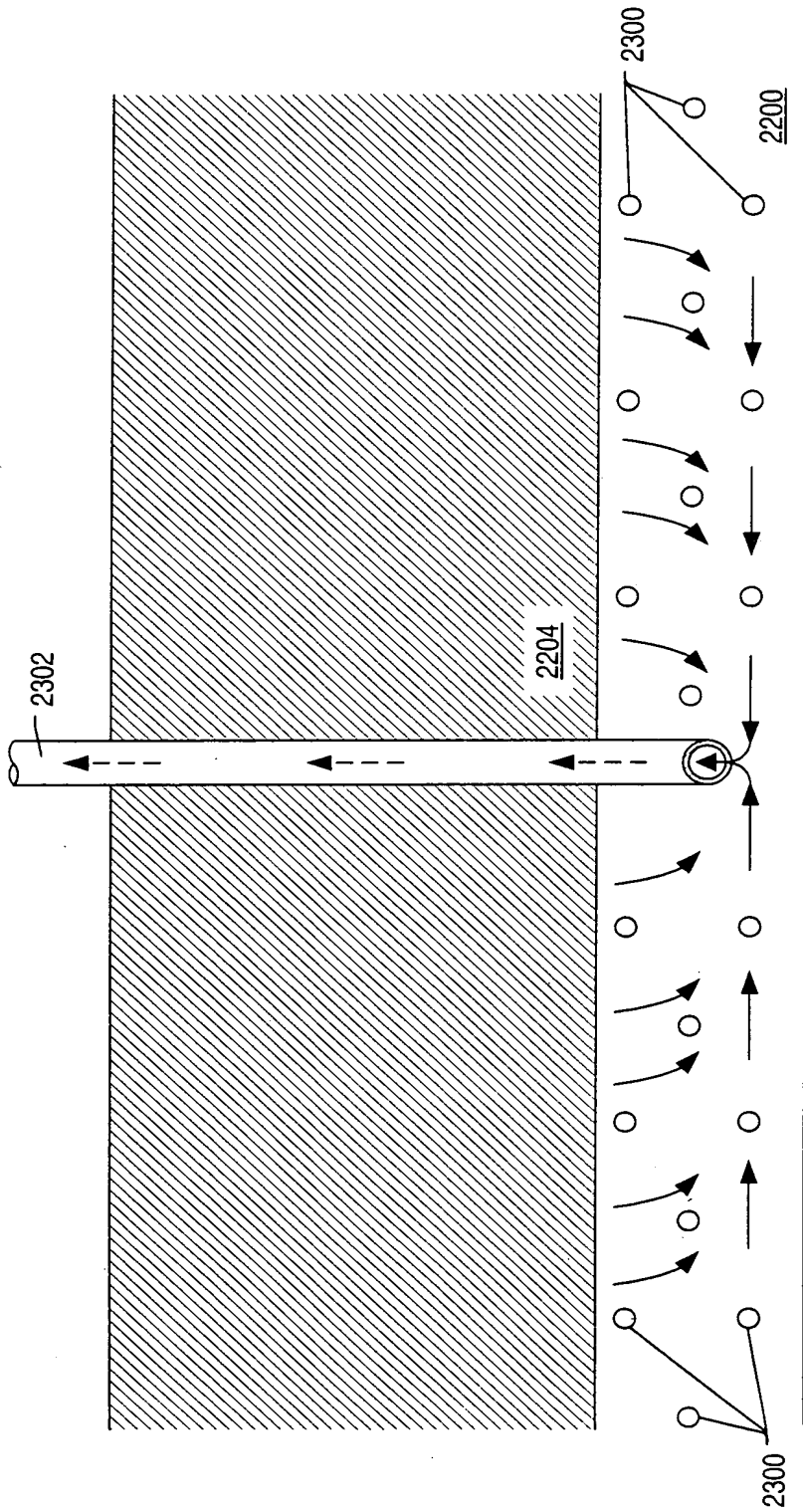


FIG. 48

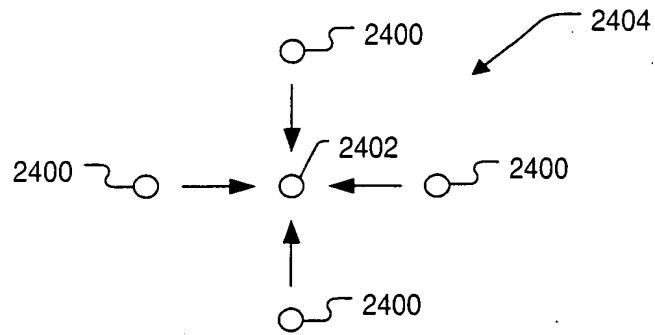


FIG. 49

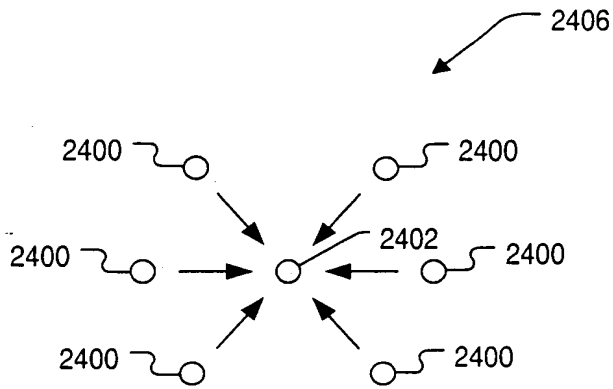


FIG. 50

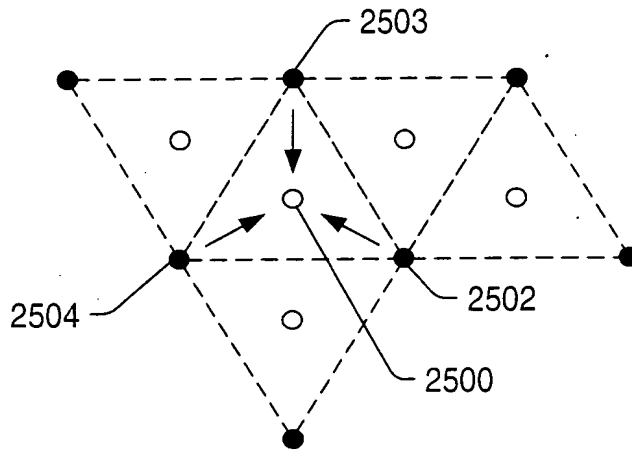


FIG. 51

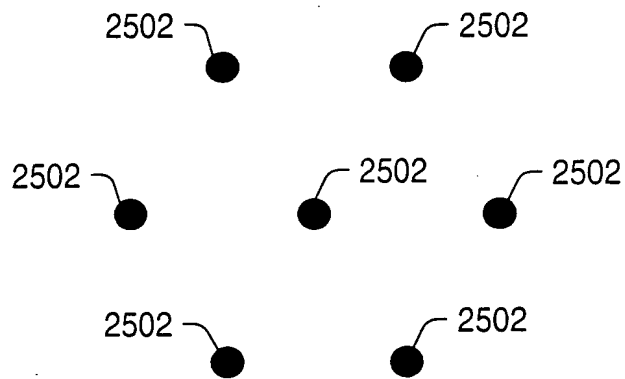


FIG. 52

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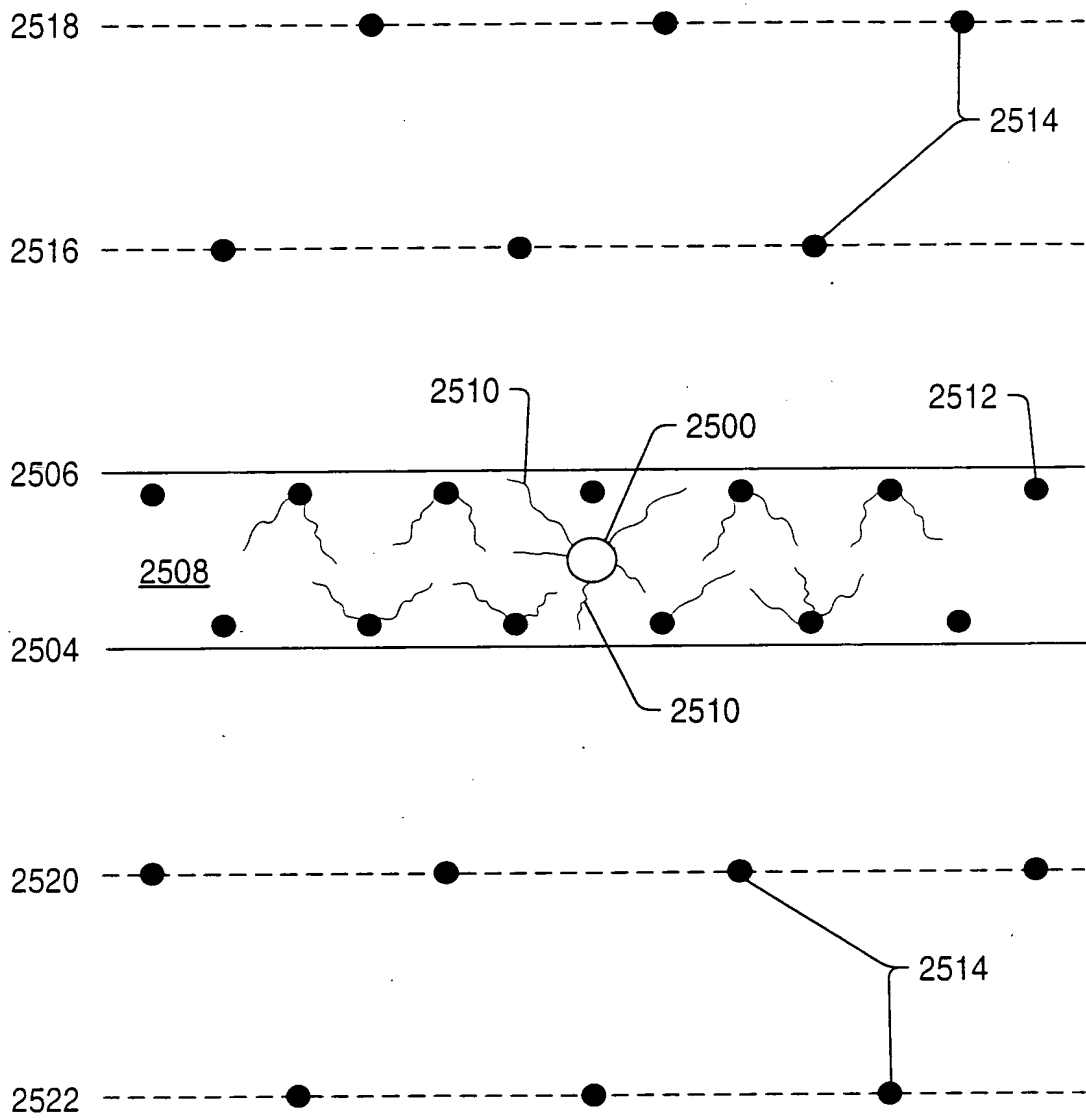


FIG. 53

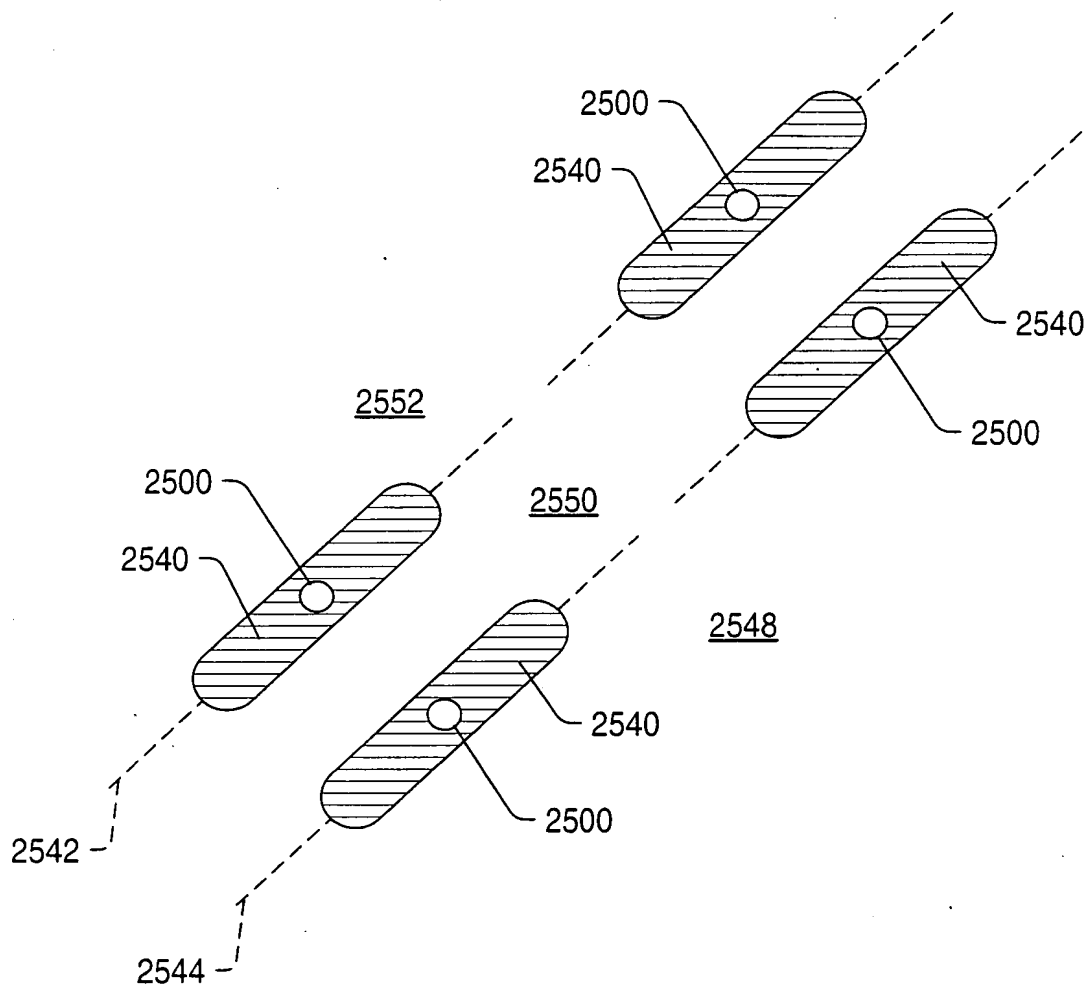


FIG. 54

FIG. 55

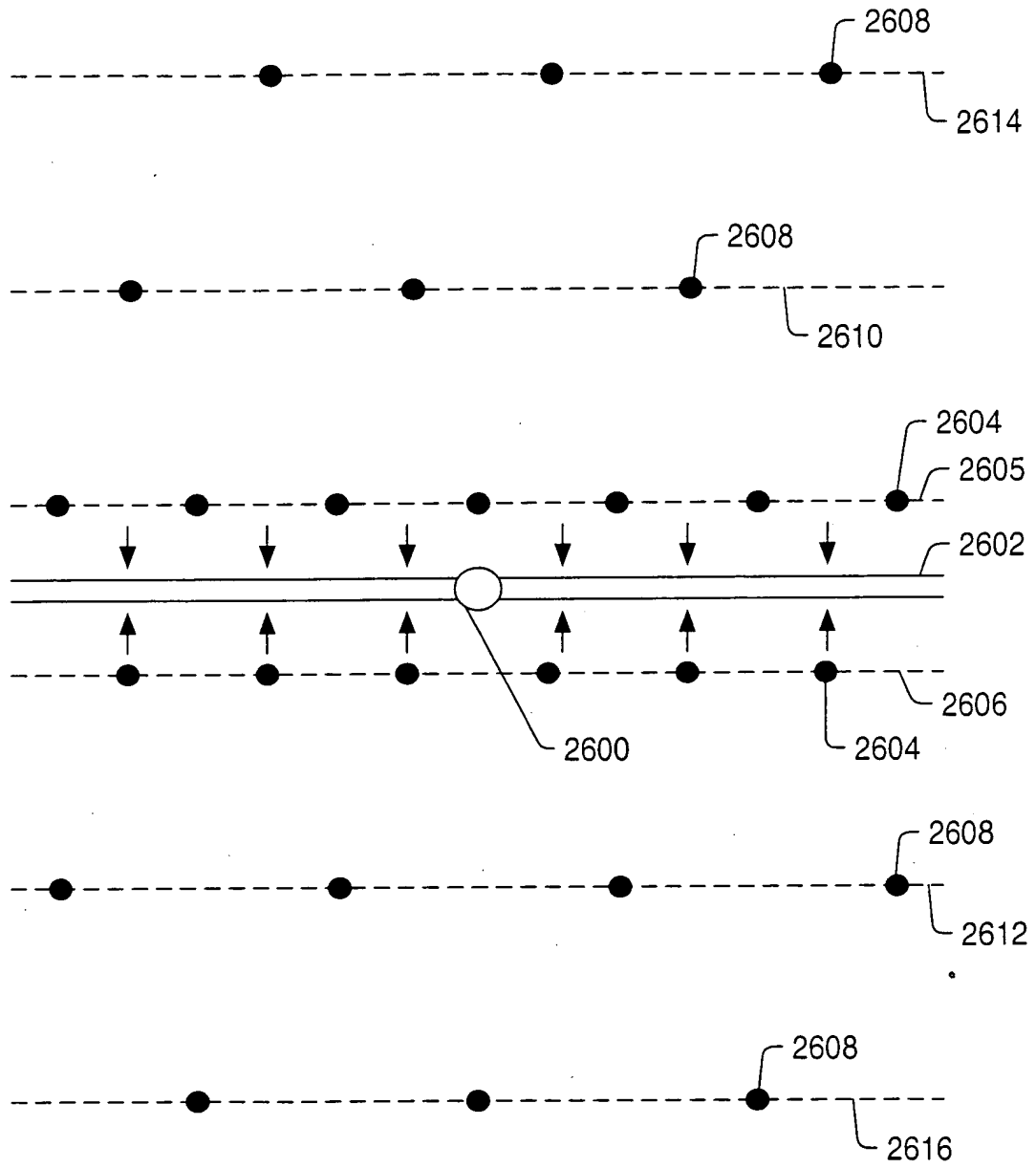


FIG. 55

FIG. 56

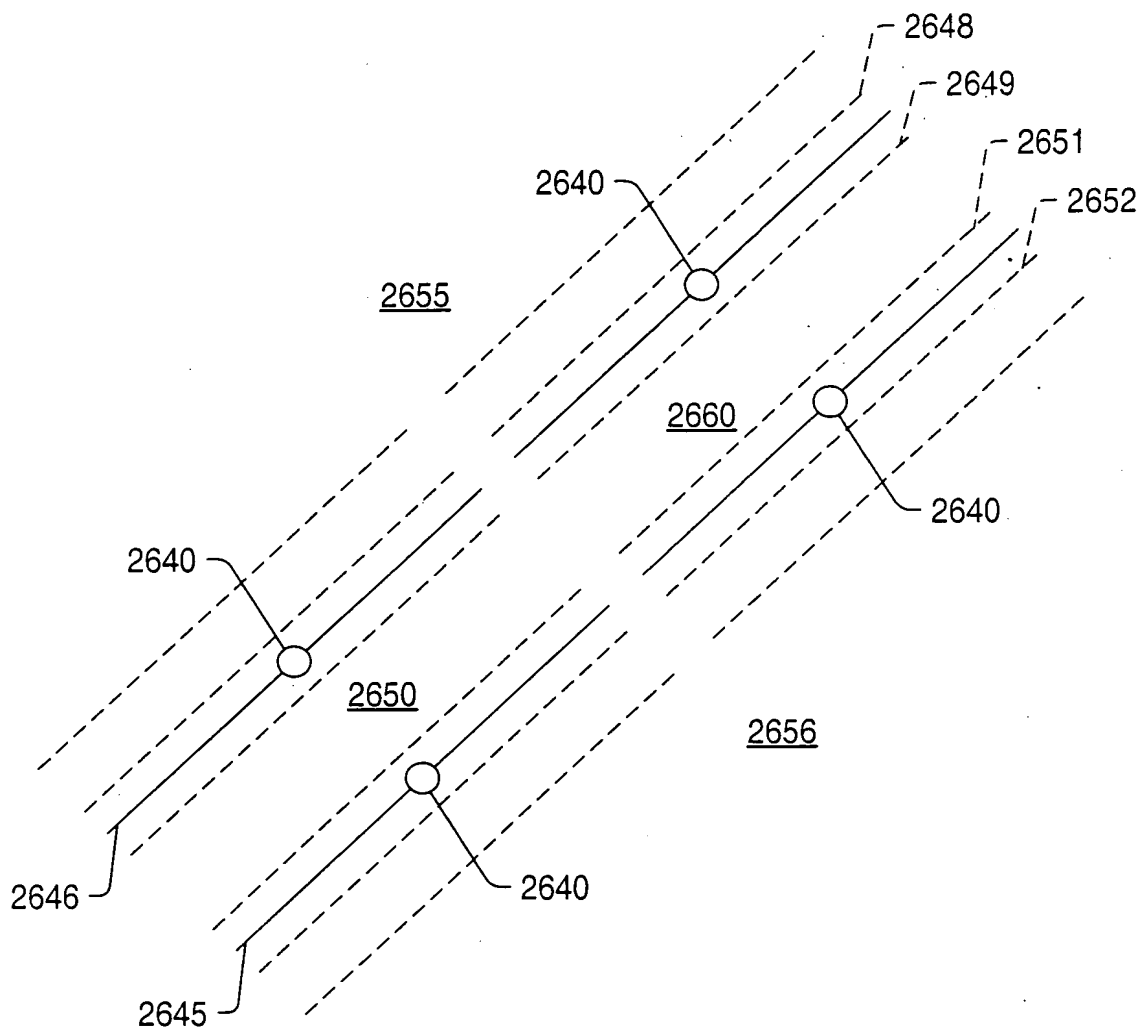


FIG. 56

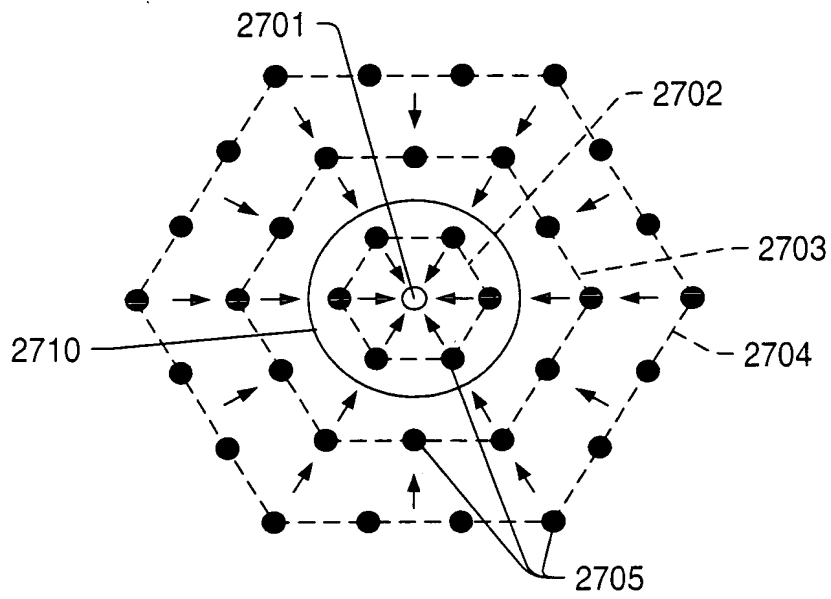


FIG. 57

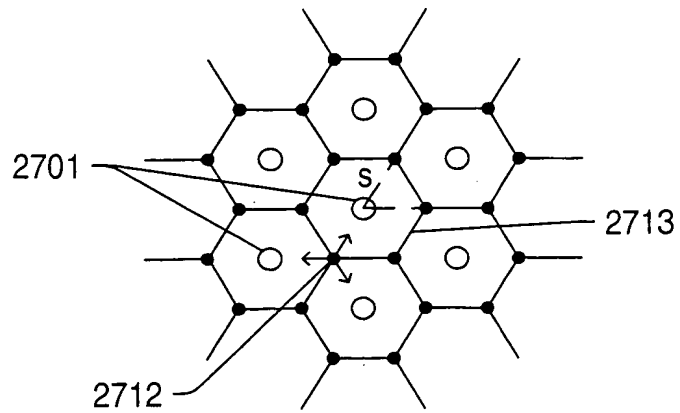


FIG. 58

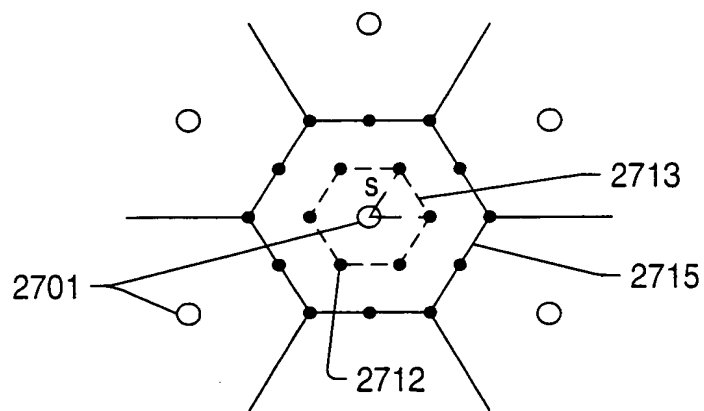


FIG. 59

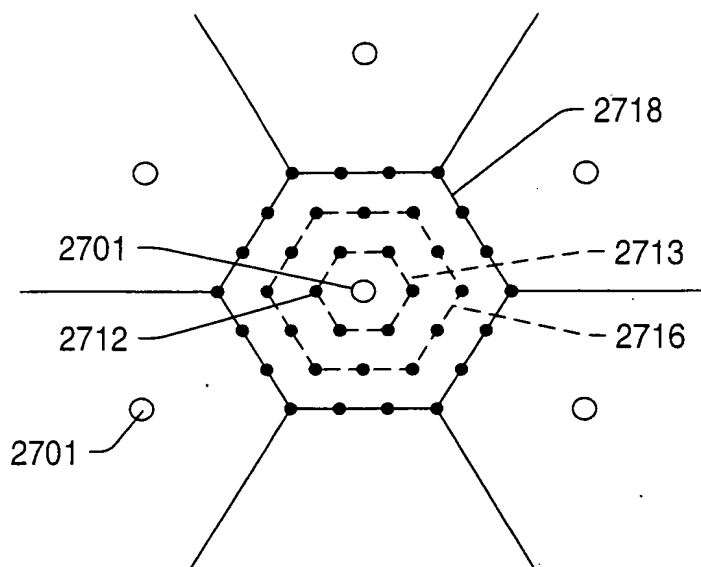


FIG. 60

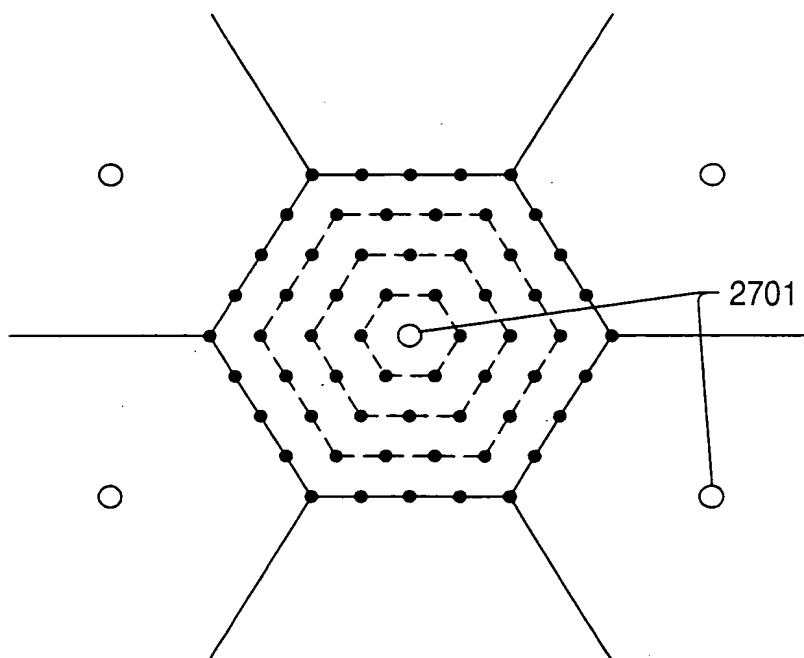


FIG. 61

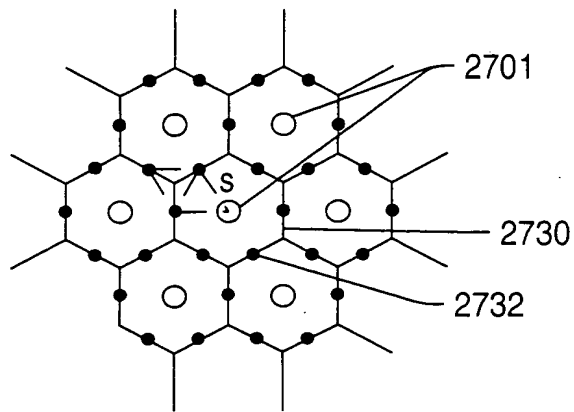


FIG. 62

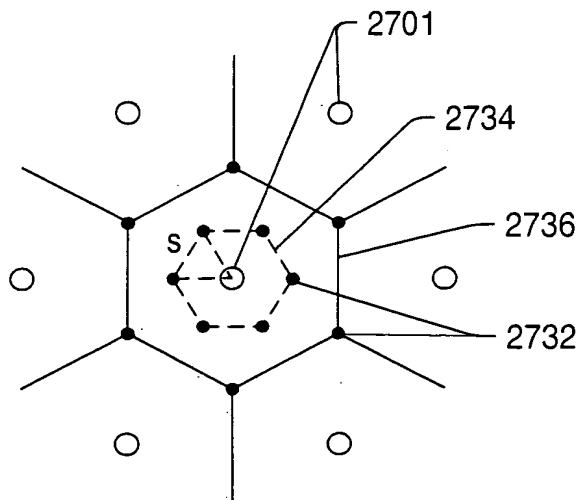


FIG. 63

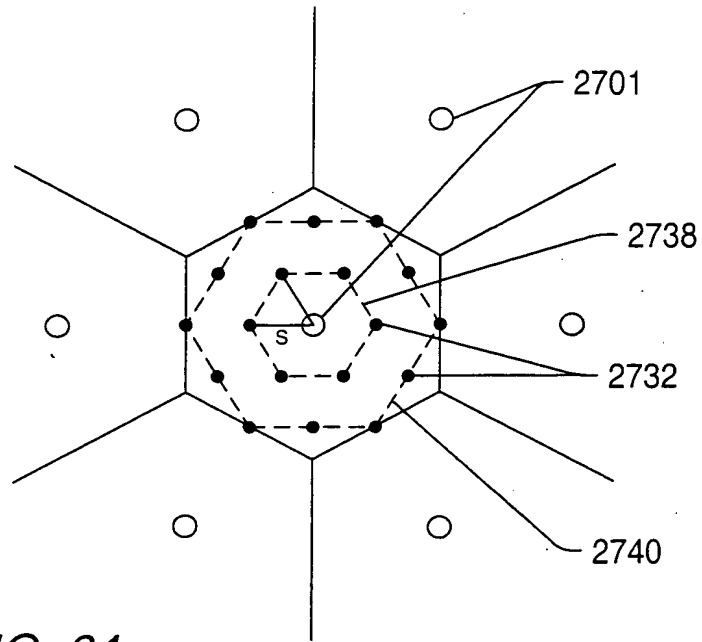


FIG. 64

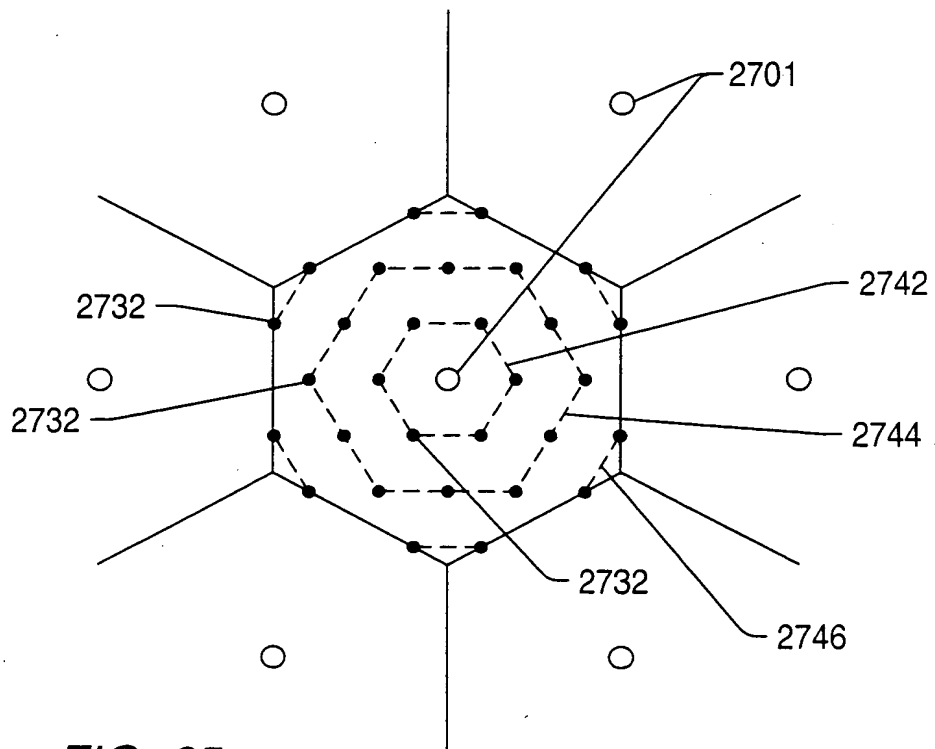


FIG. 65

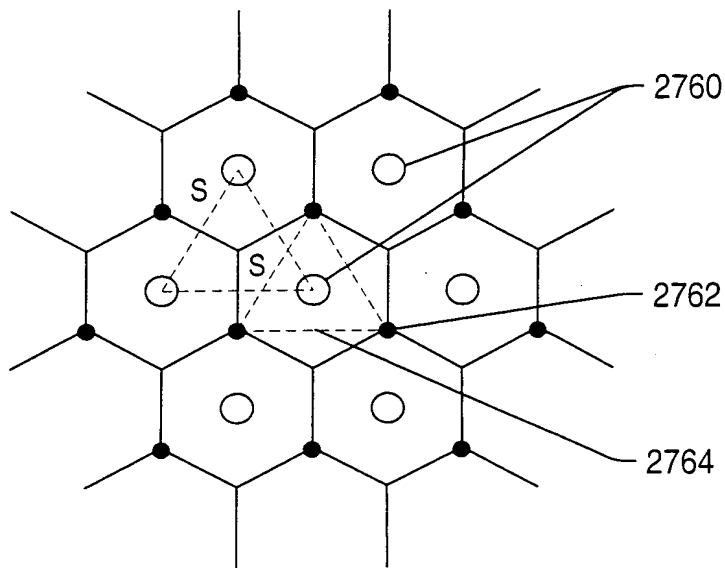


FIG. 66

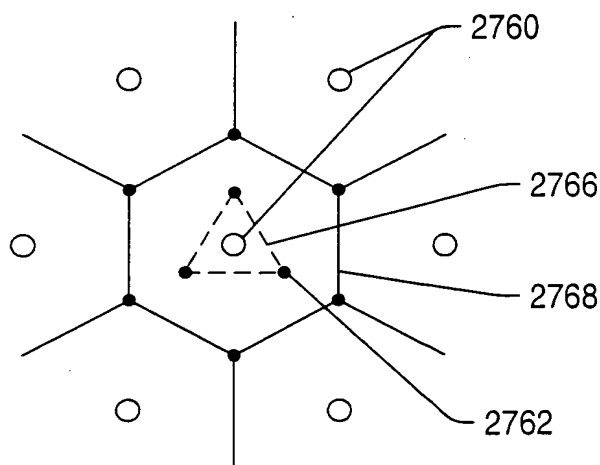


FIG. 67

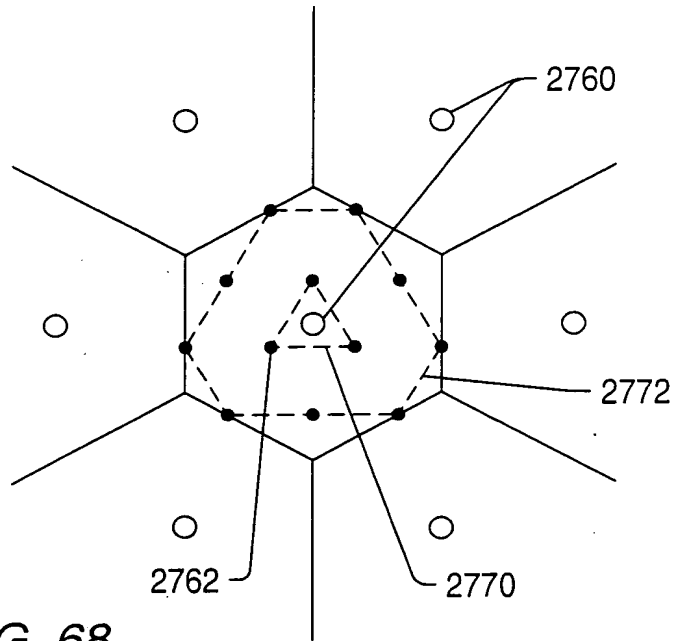


FIG. 68

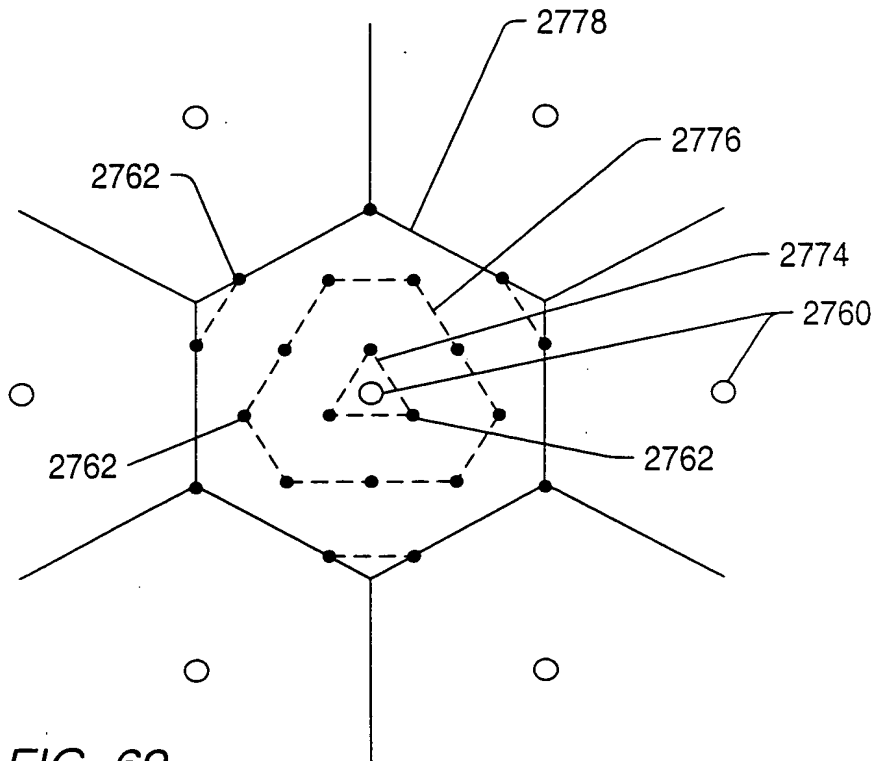


FIG. 69

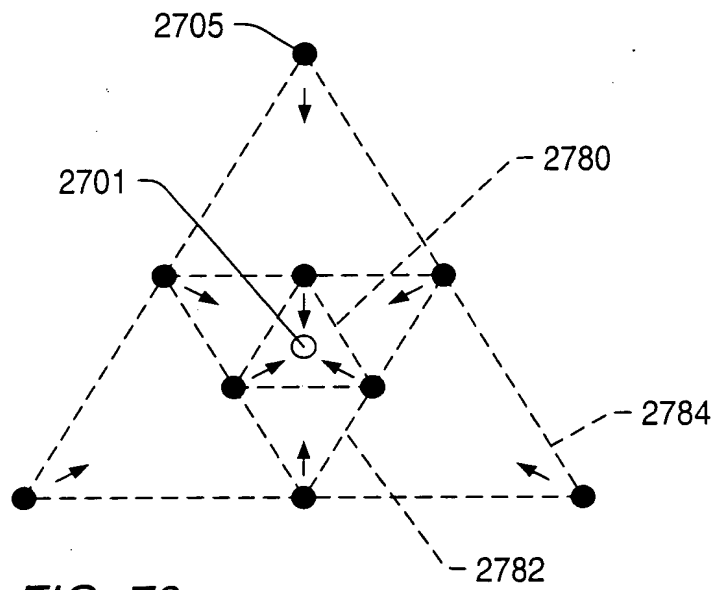


FIG. 70

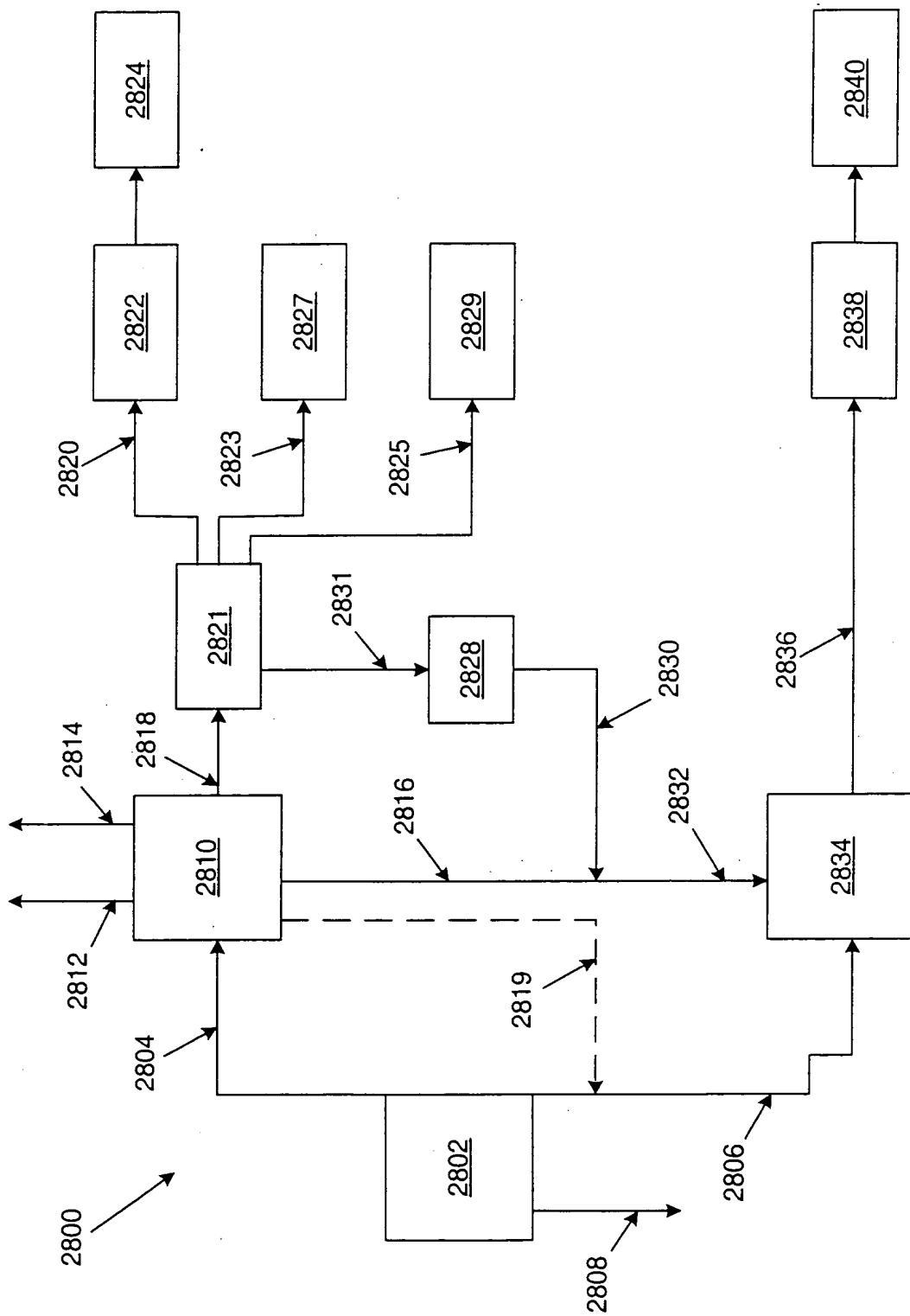


Fig. 71

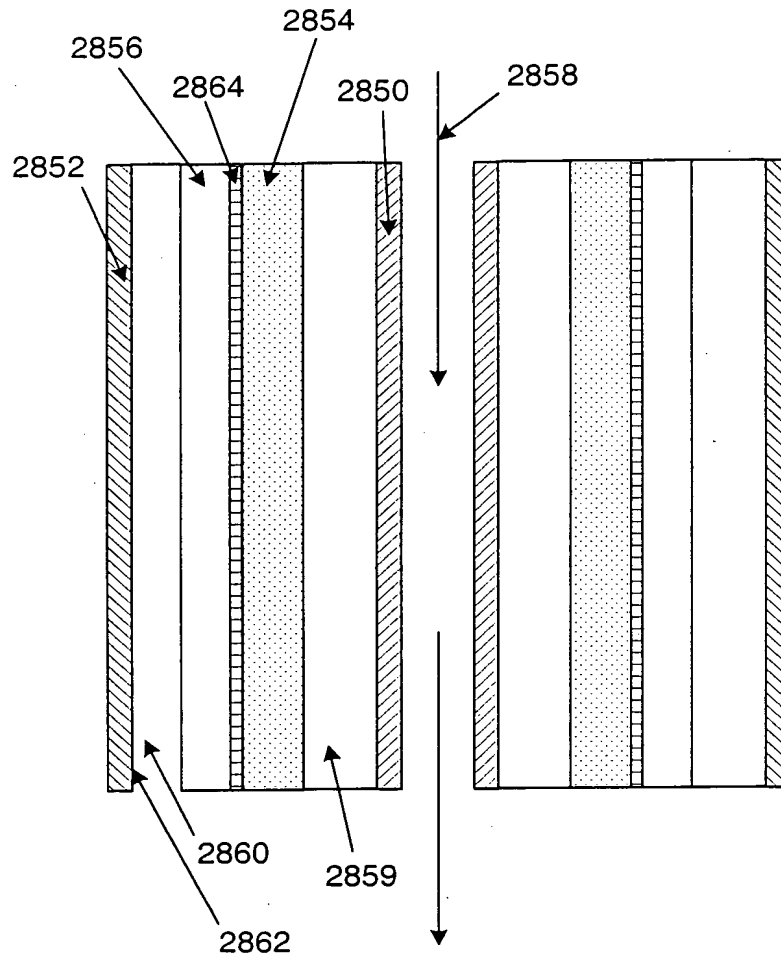
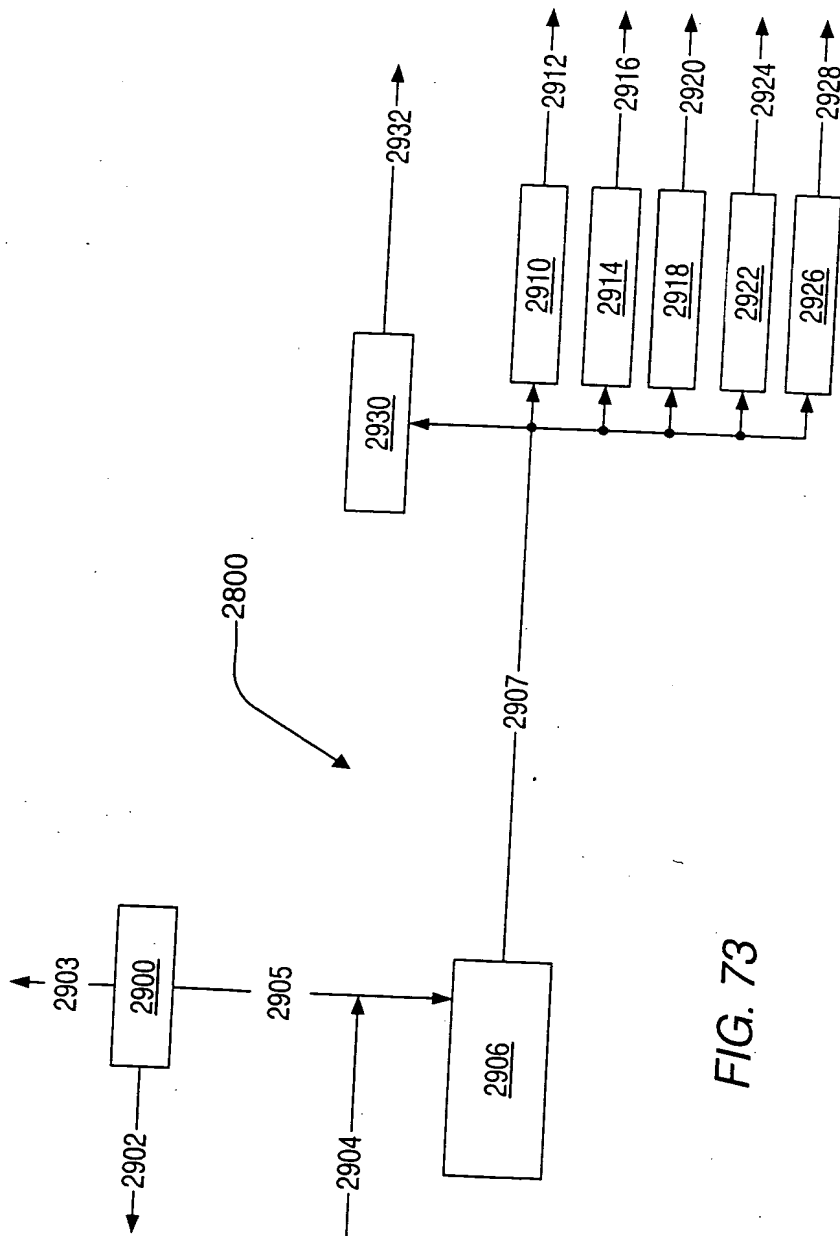


Fig. 72



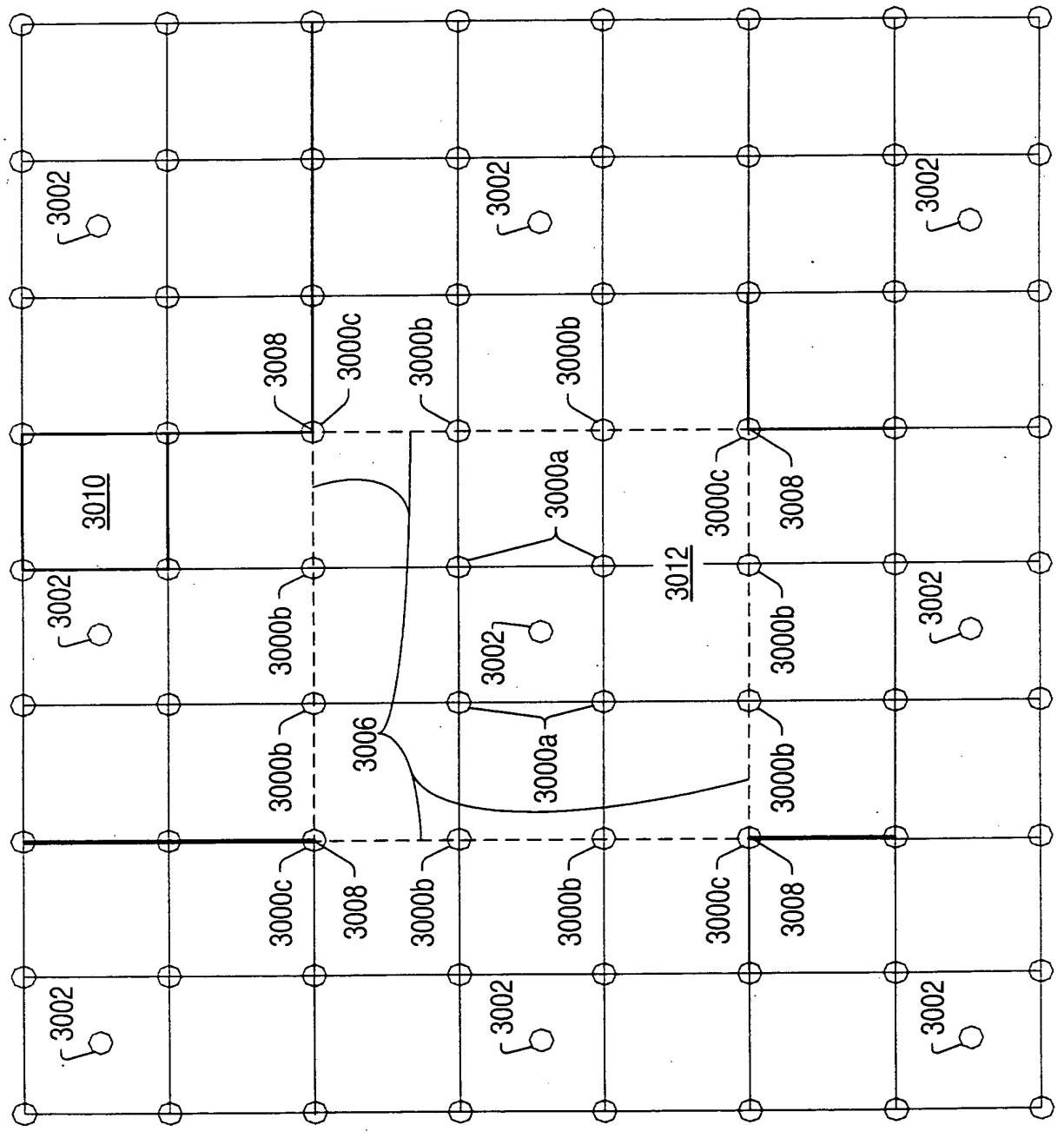


FIG. 74

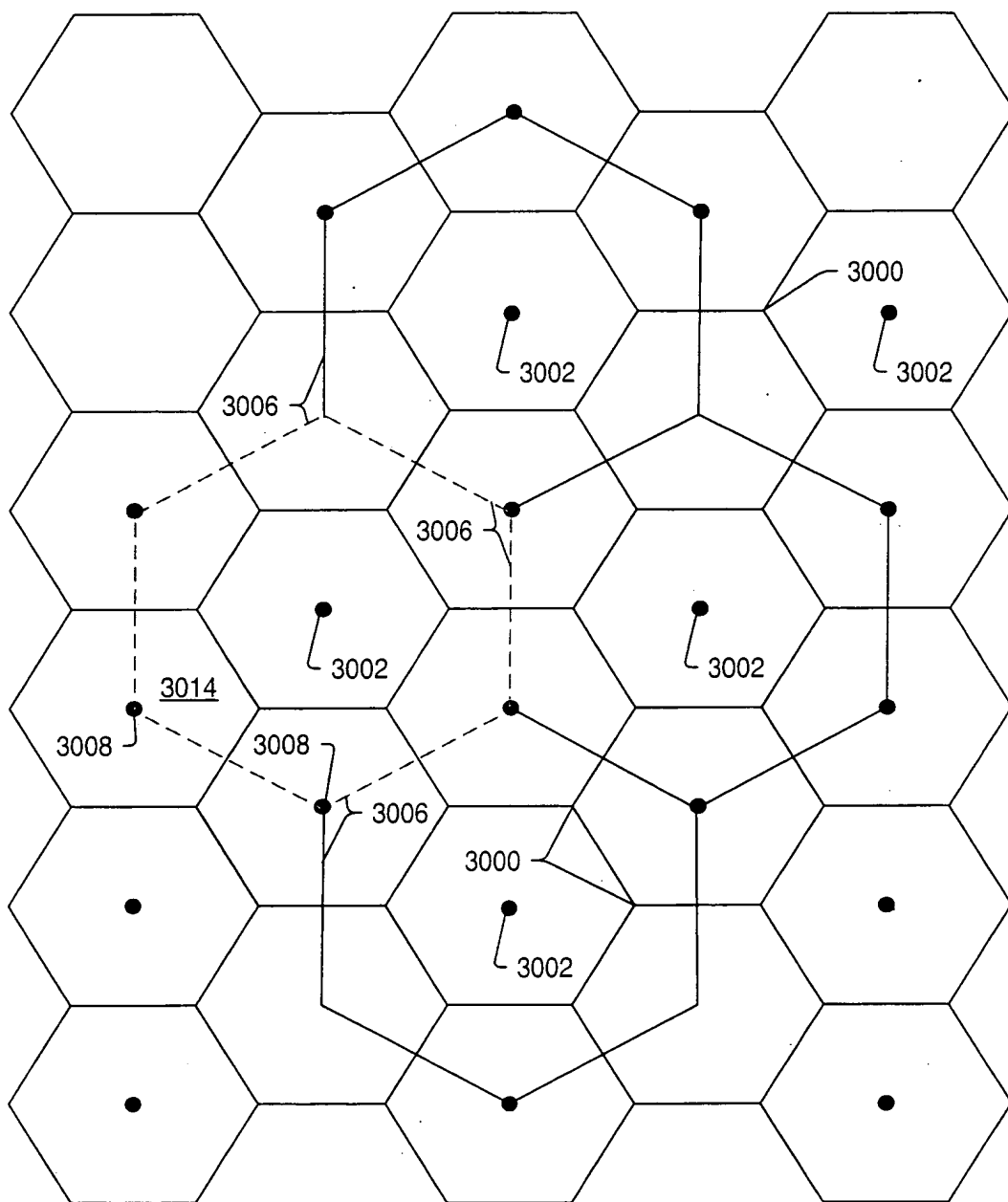


FIG. 75

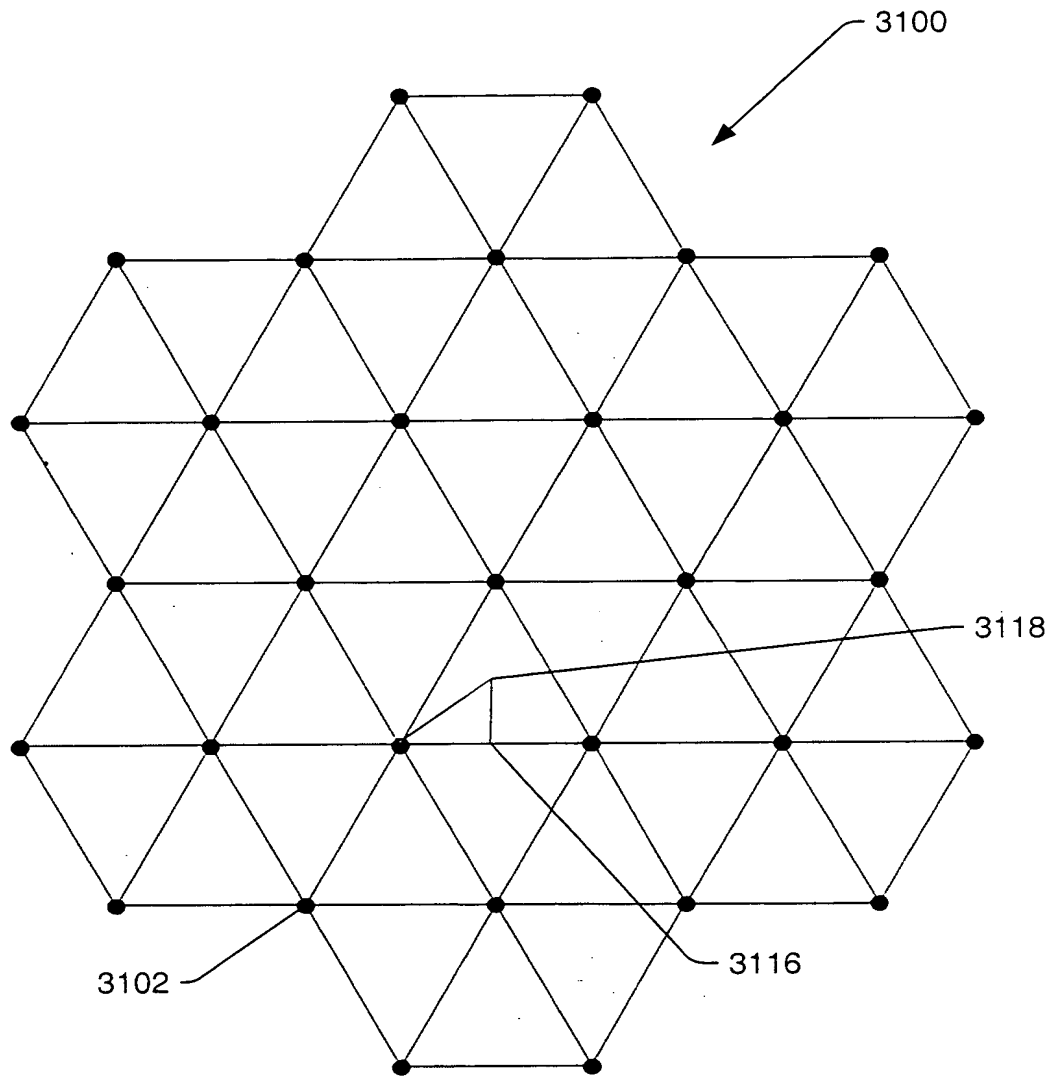


FIG. 76

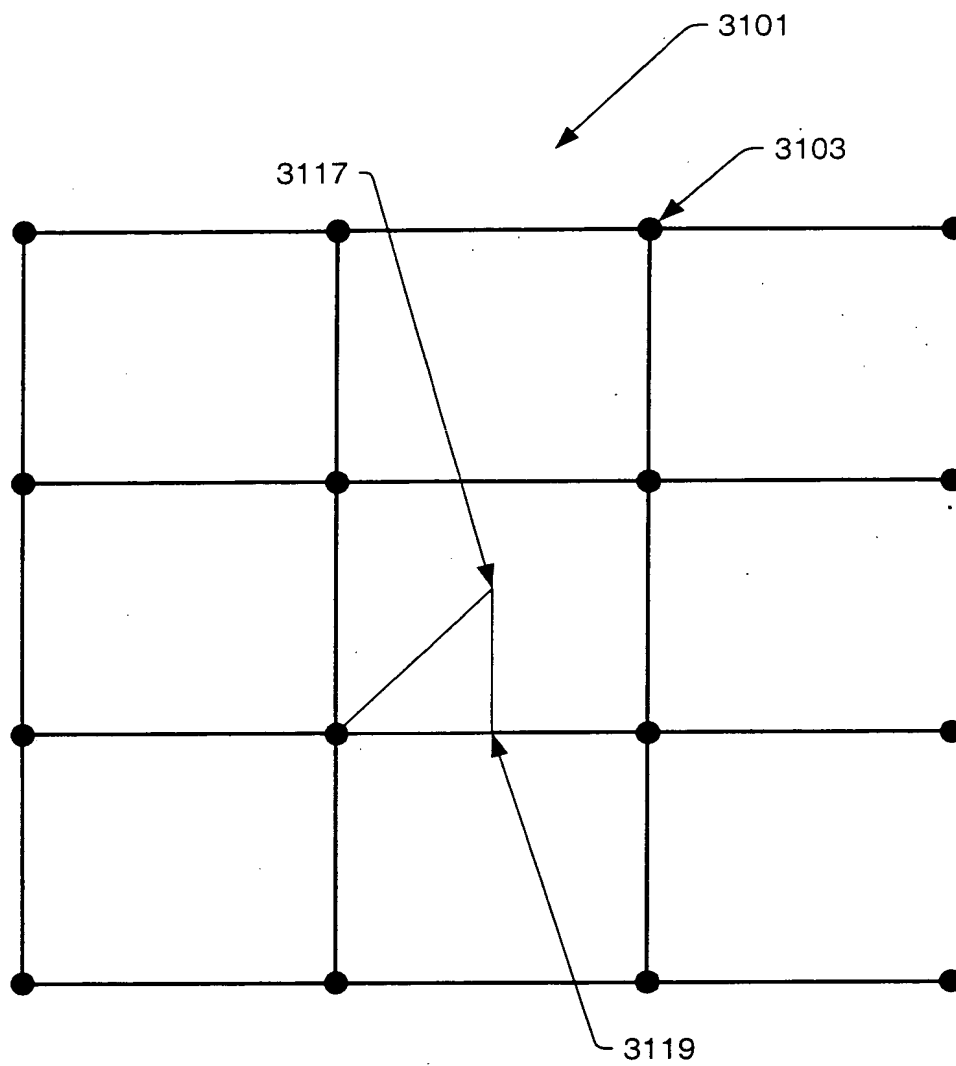


FIG. 76a

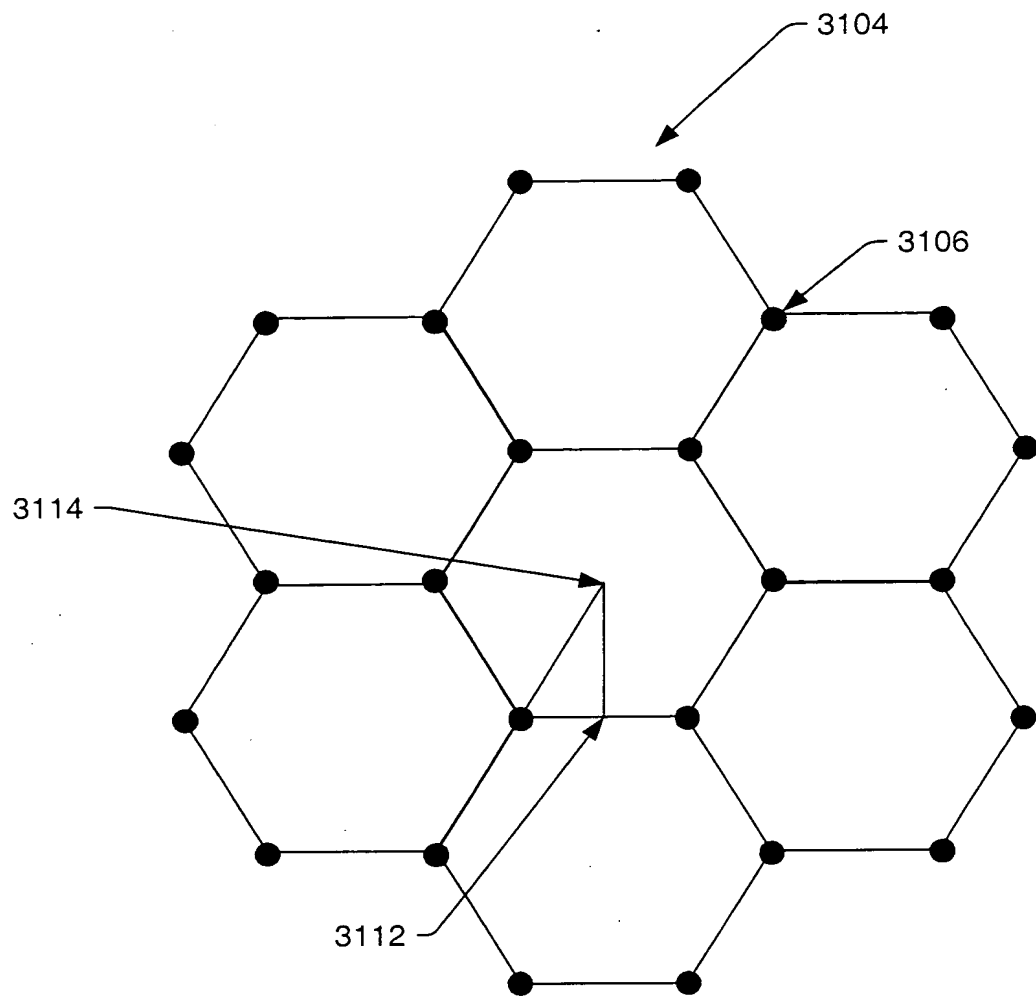


FIG. 77

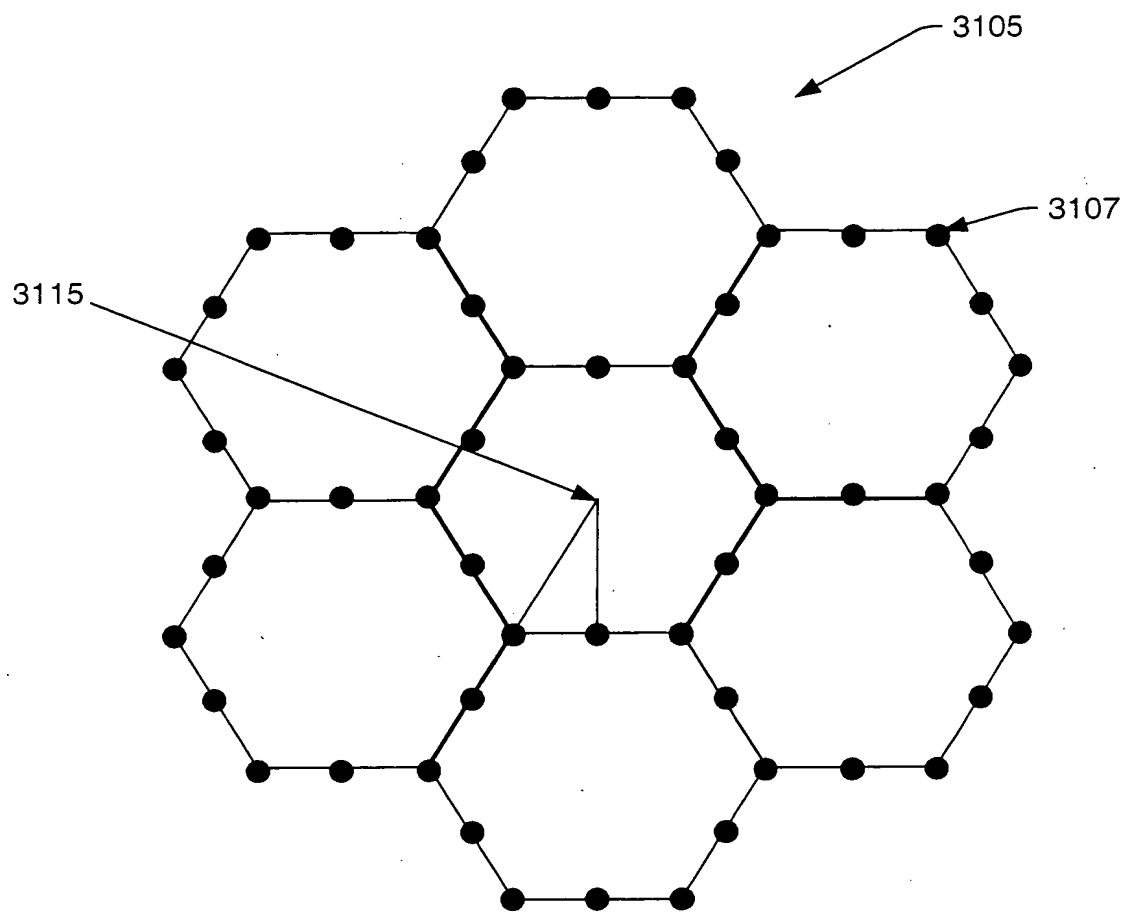


FIG. 77a

FIG. 78

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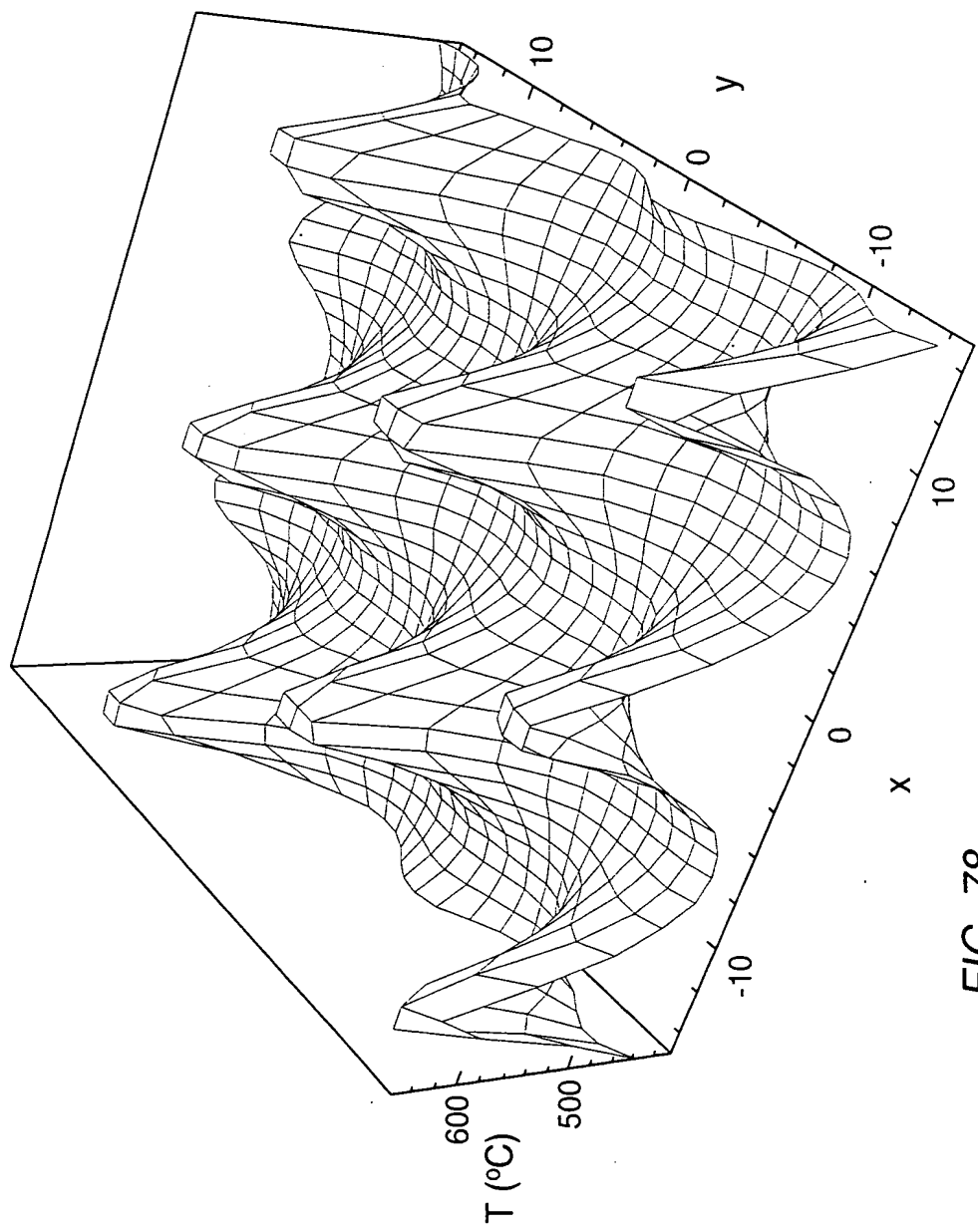


FIG. 78

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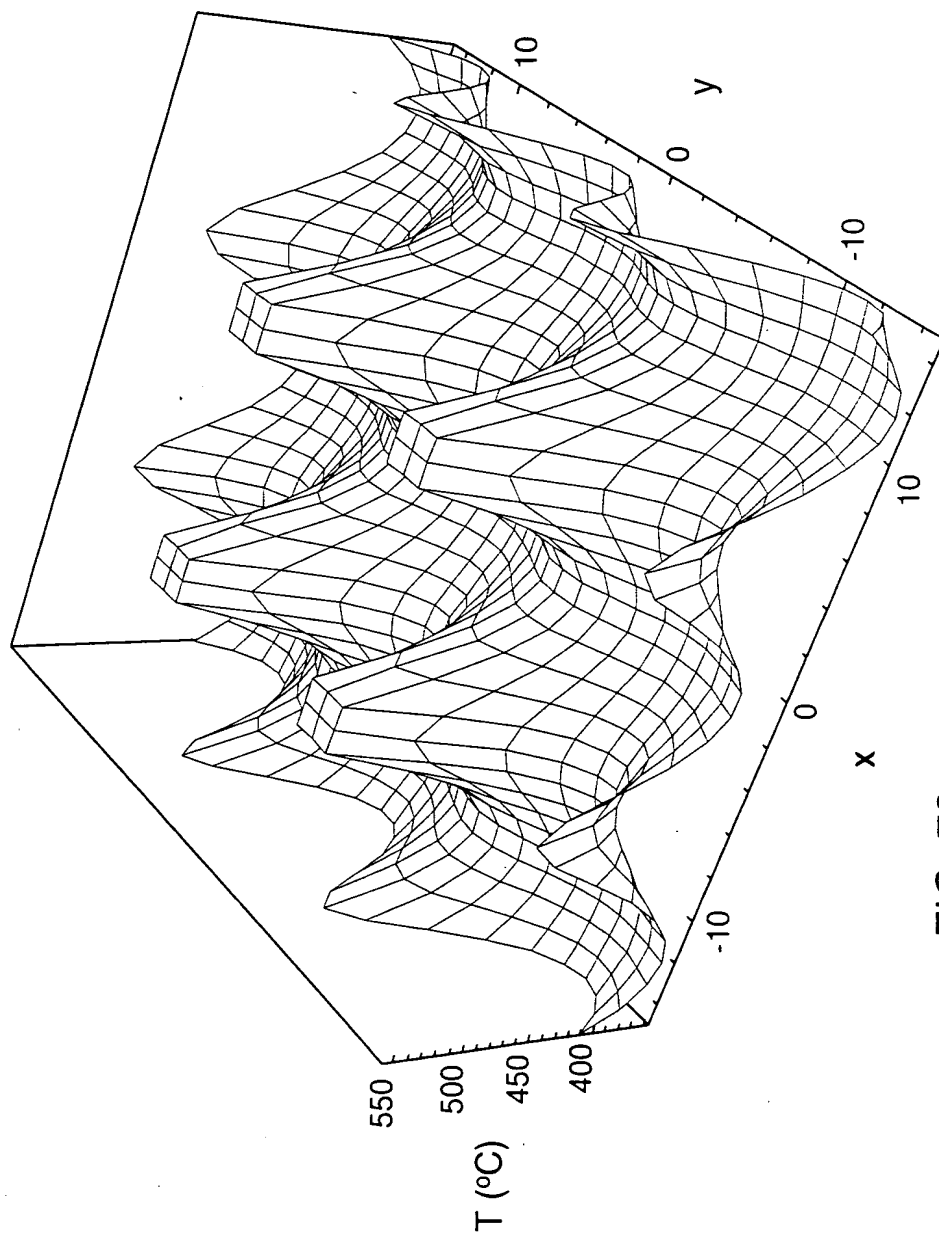


FIG. 79

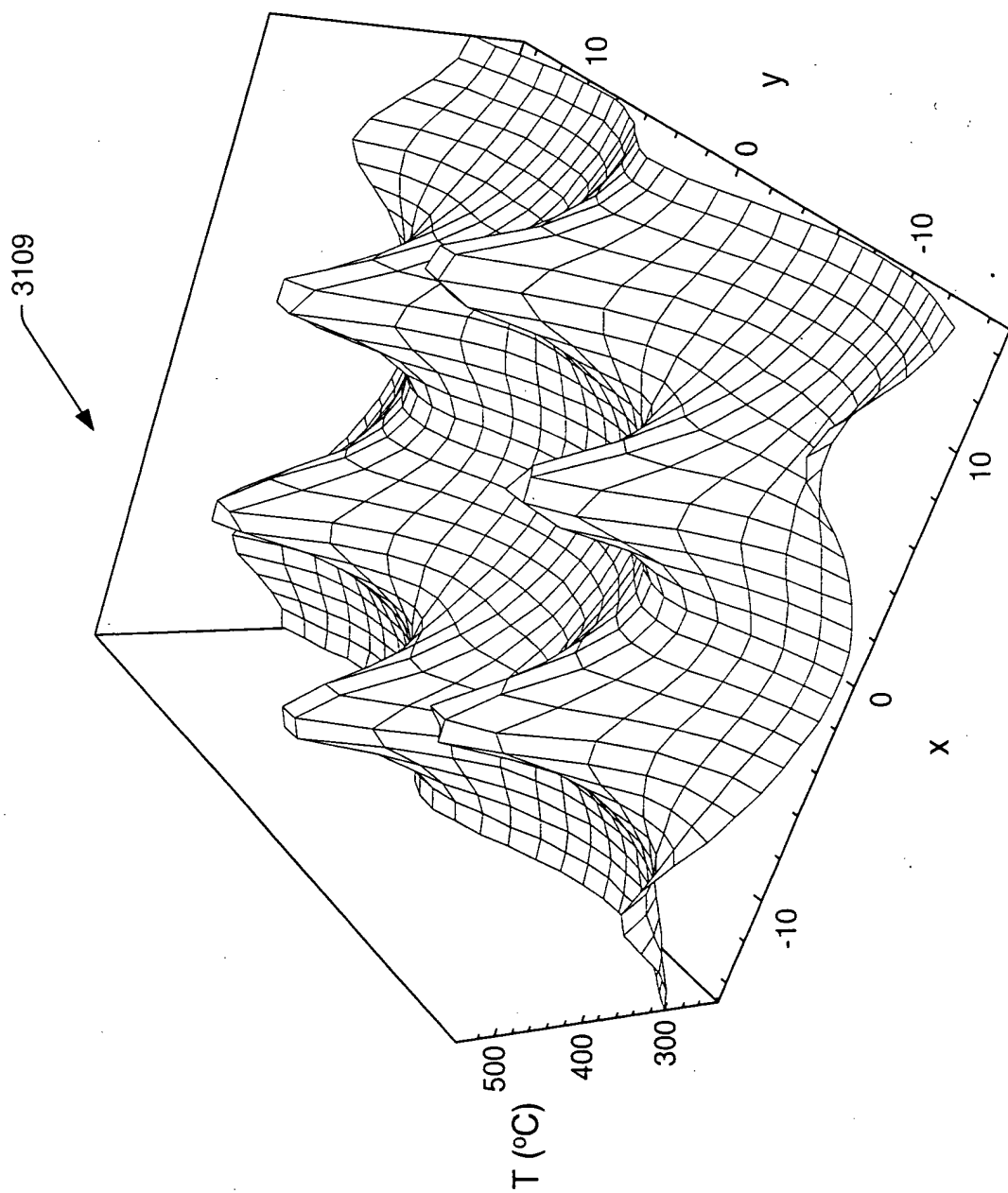


FIG. 79a

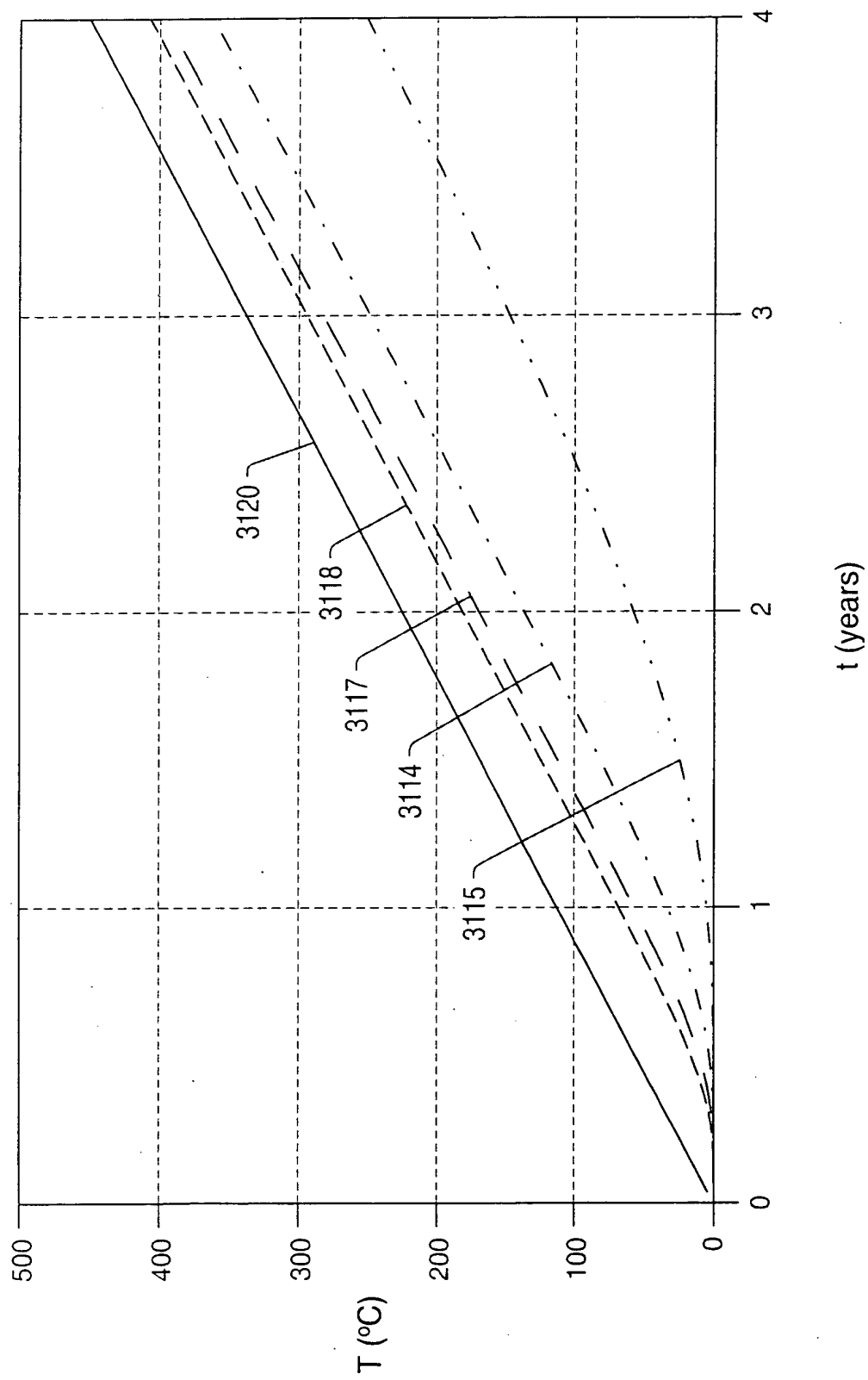


FIG. 80

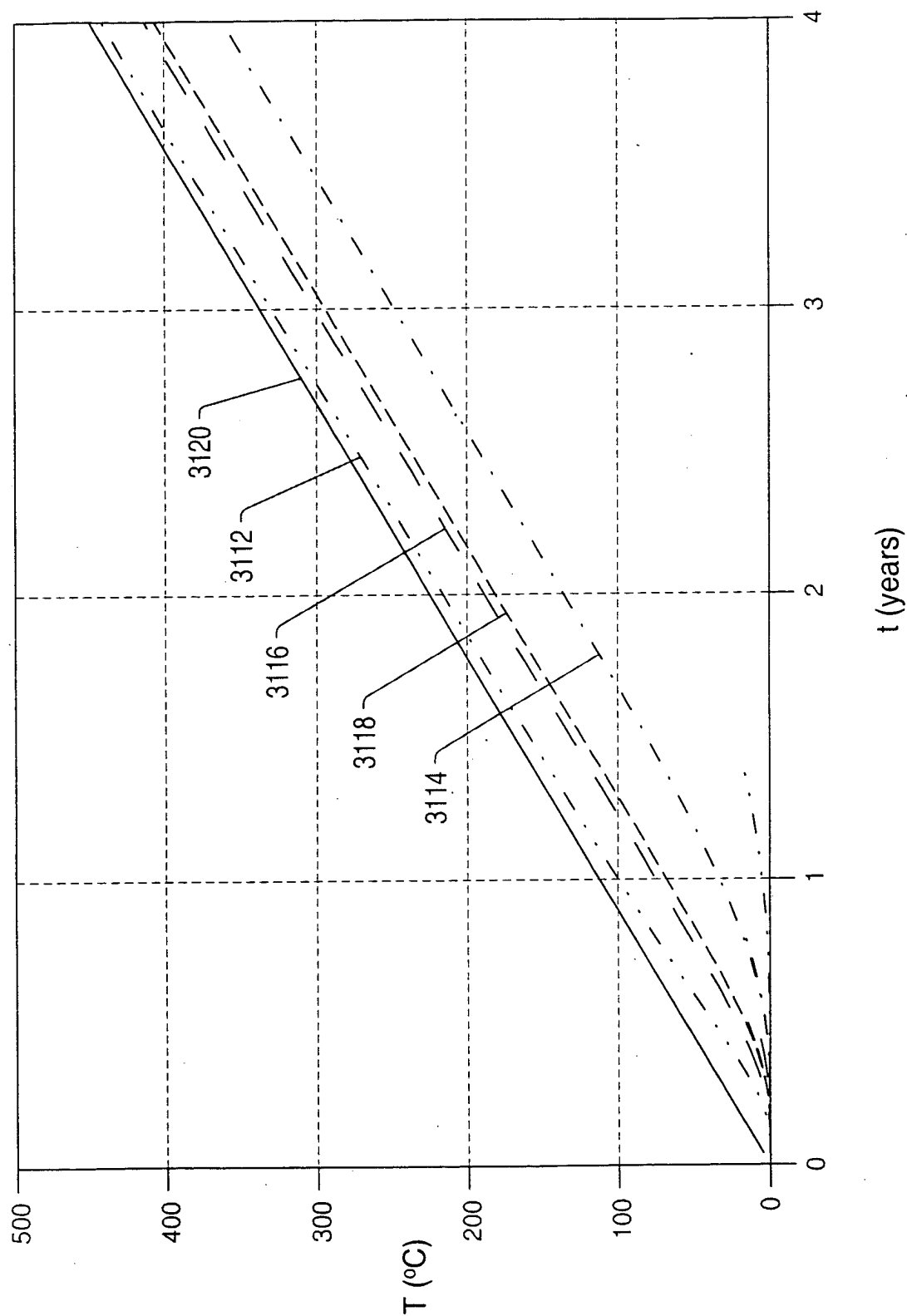


FIG. 81

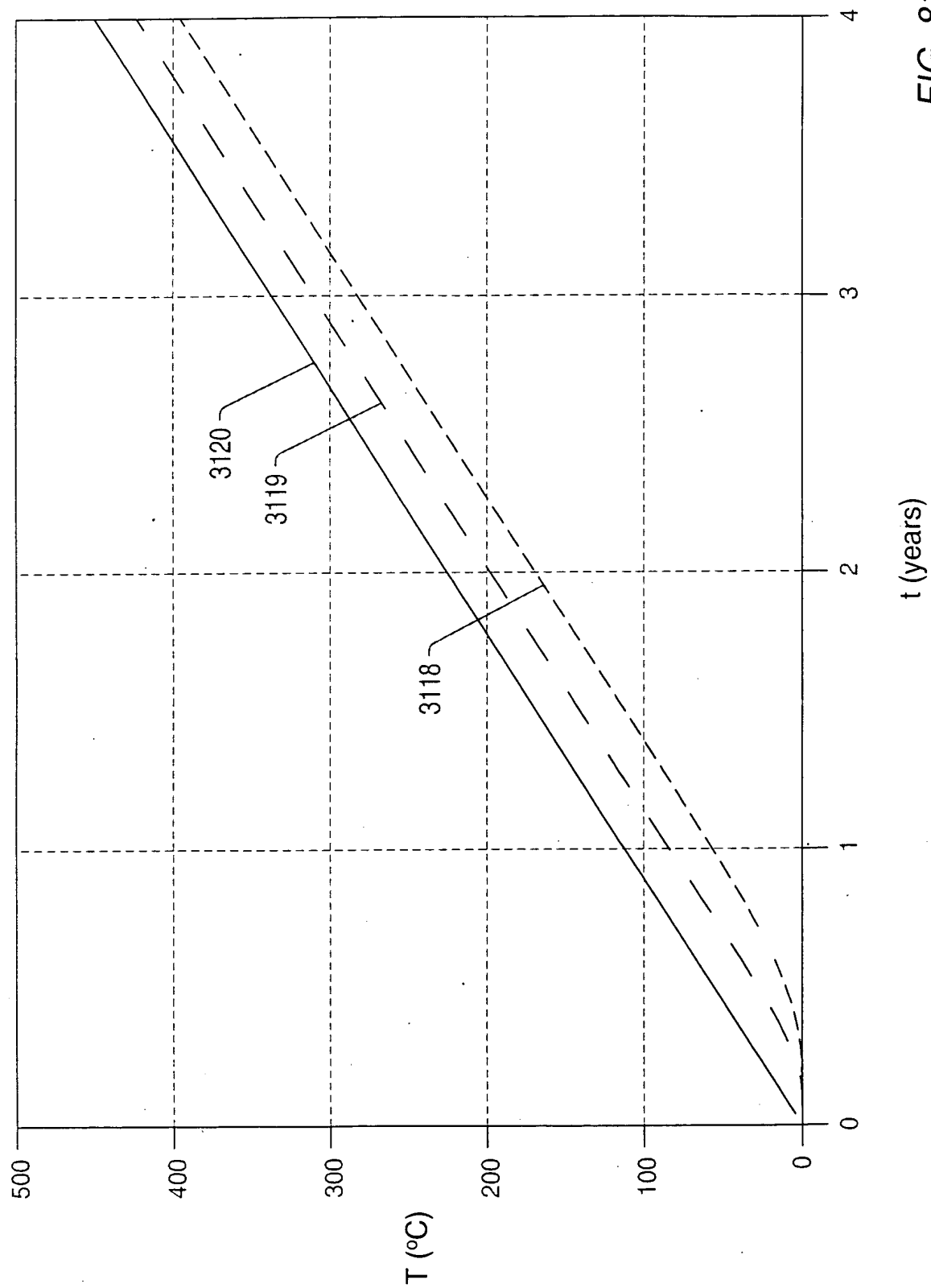


FIG. 81a

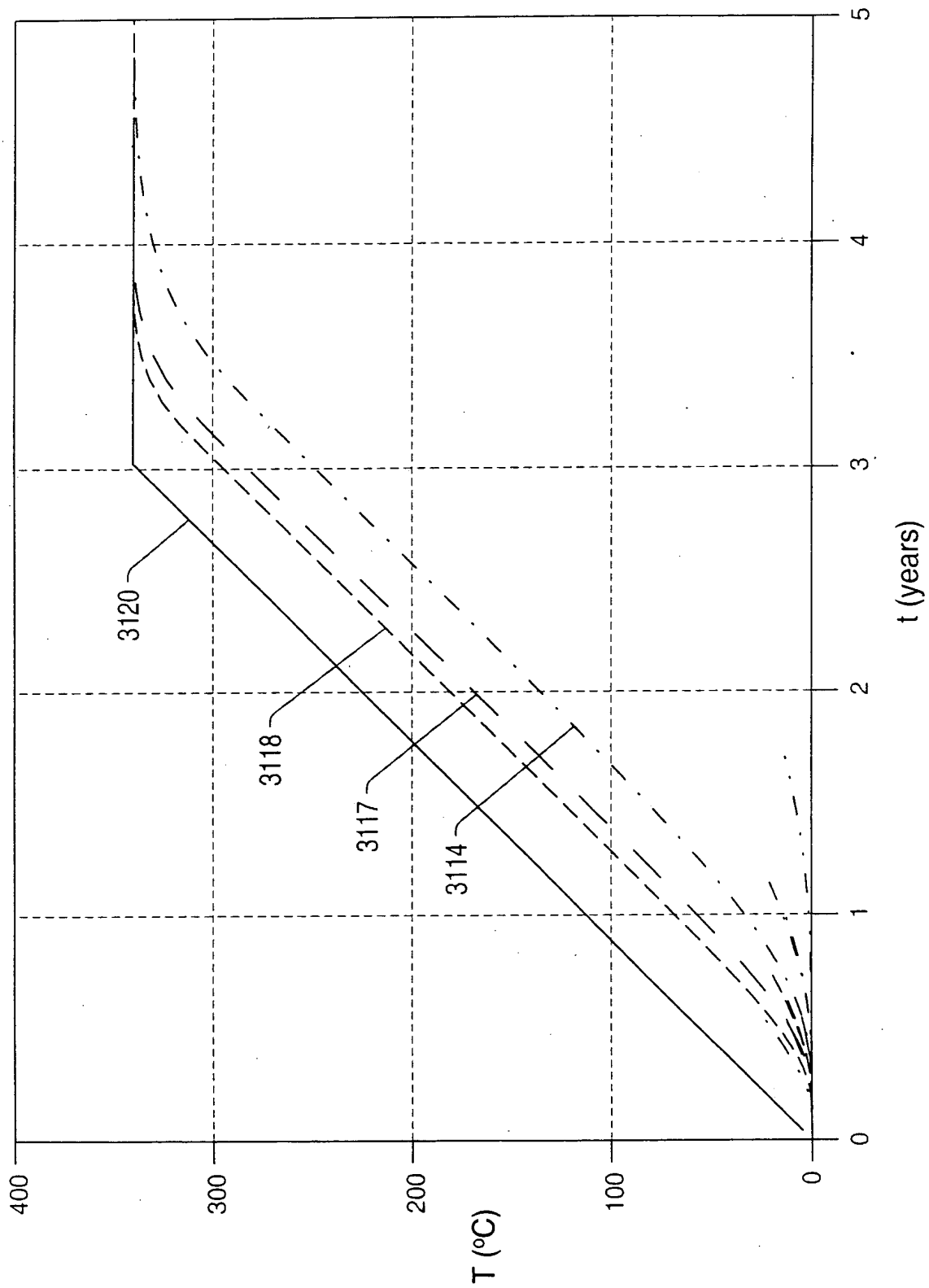


FIG. 81b

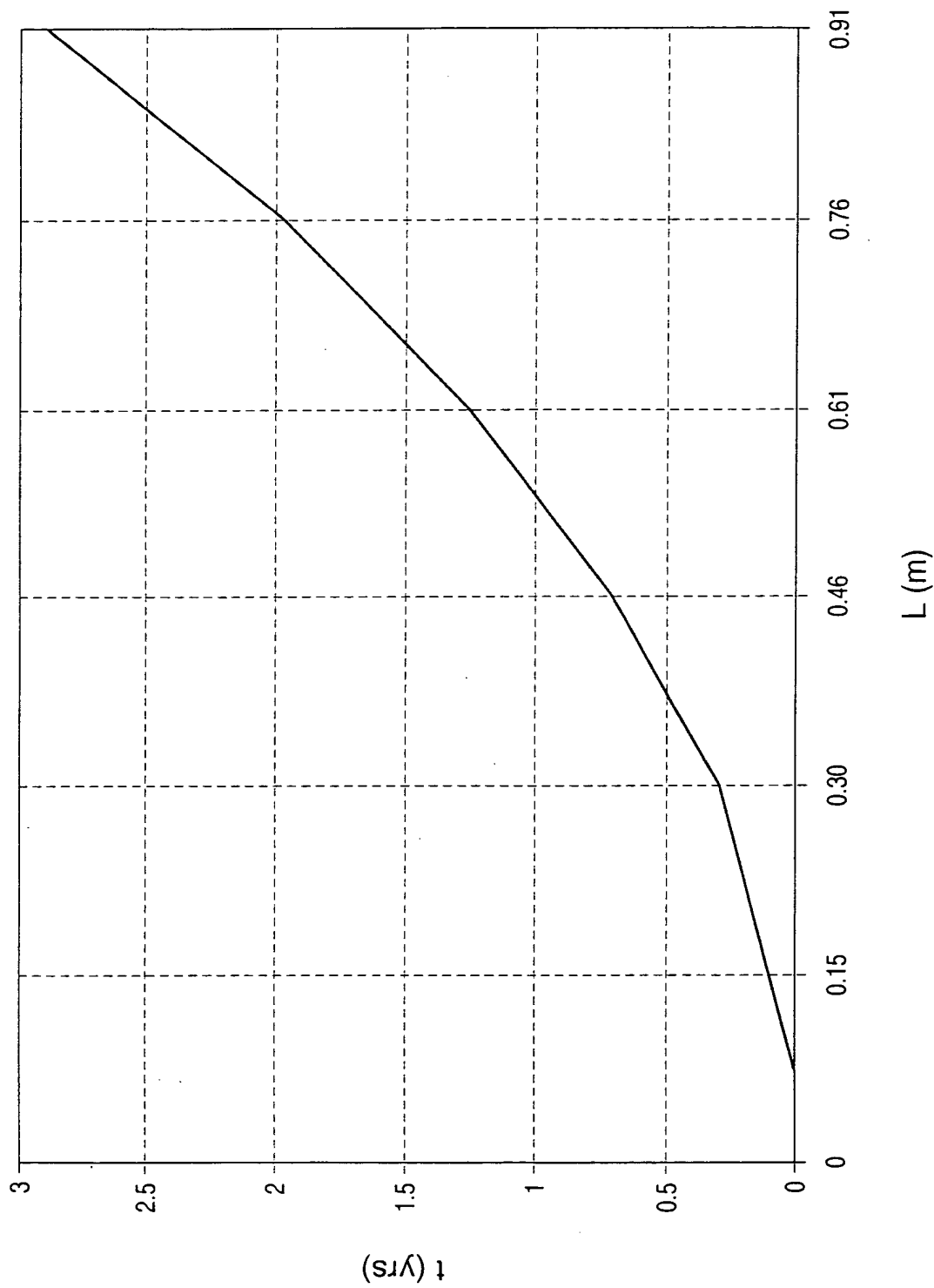


FIG. 82

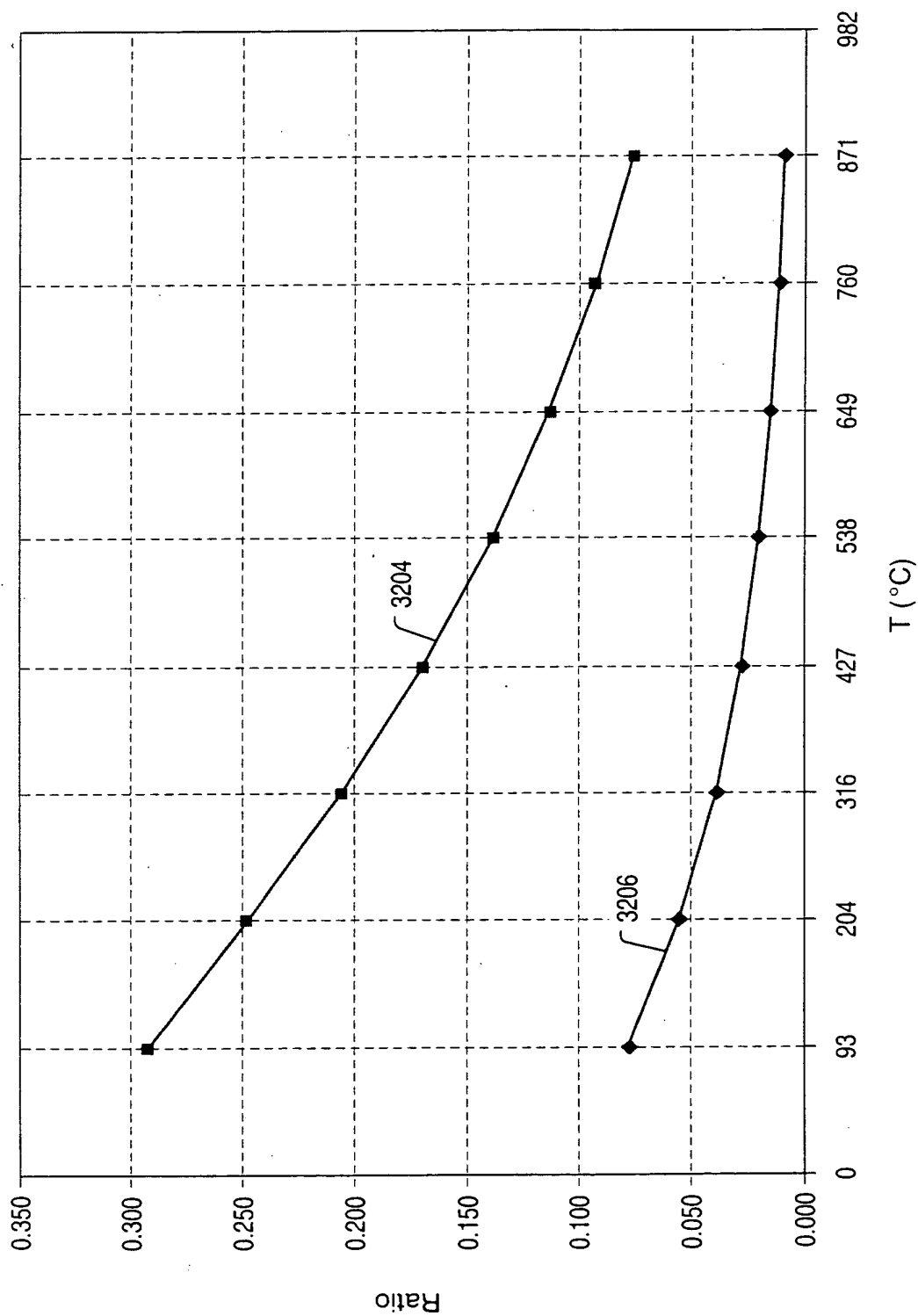


FIG. 83

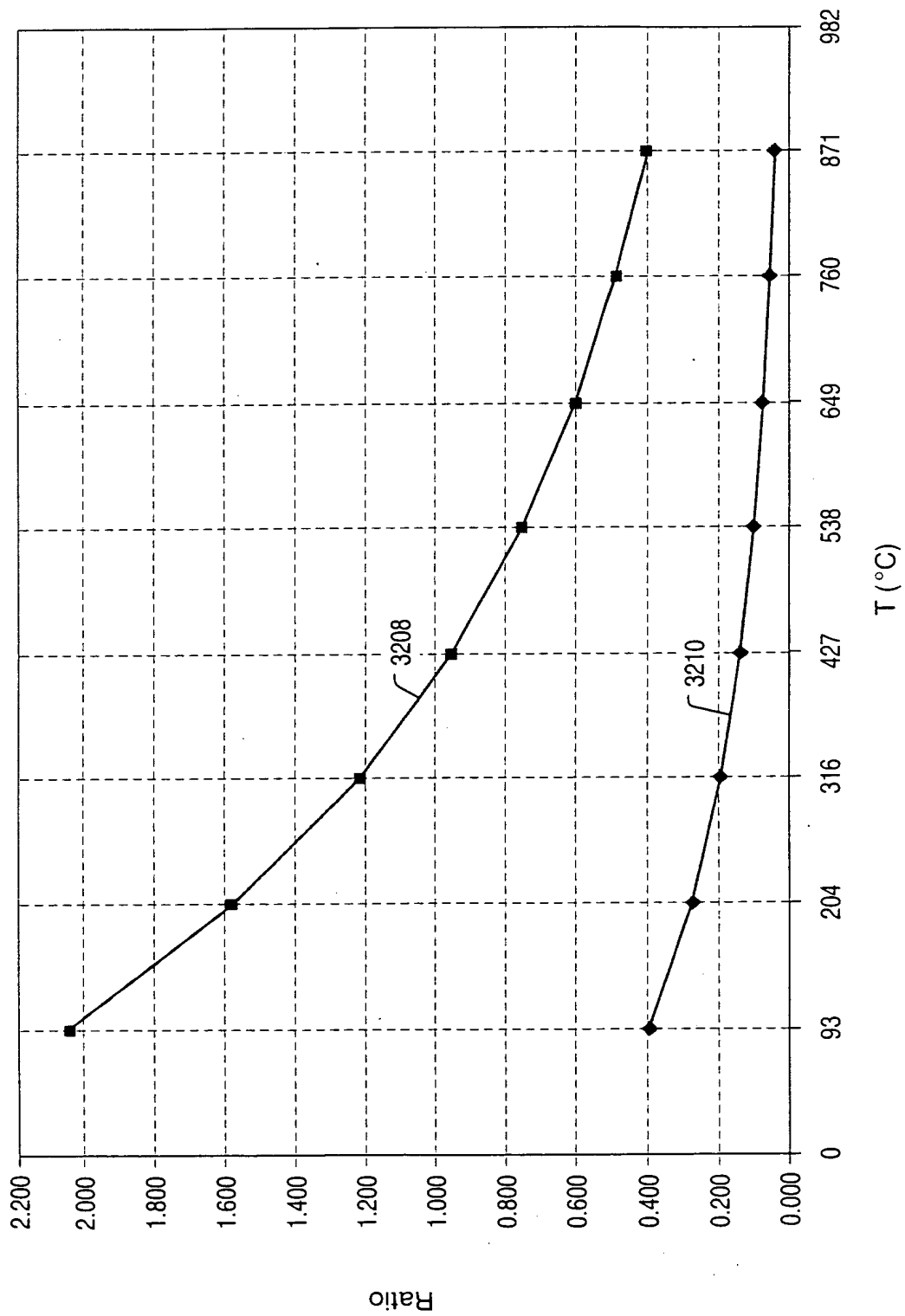


FIG. 84

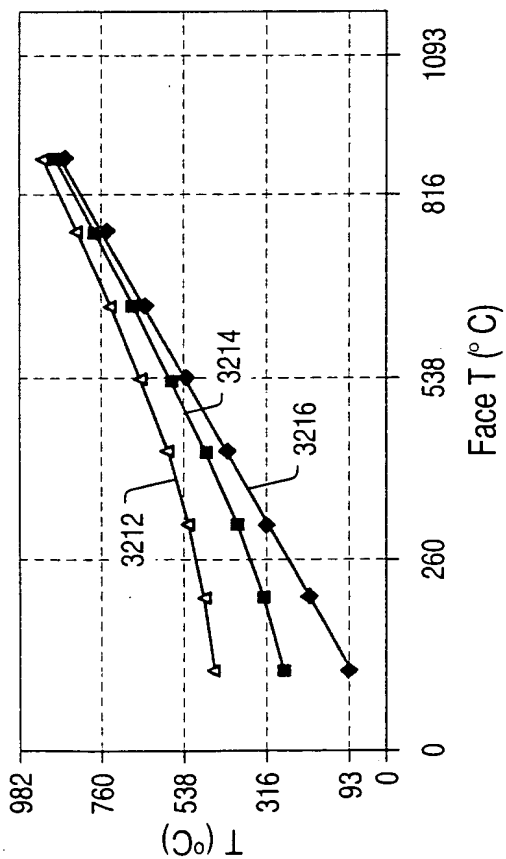


FIG. 85

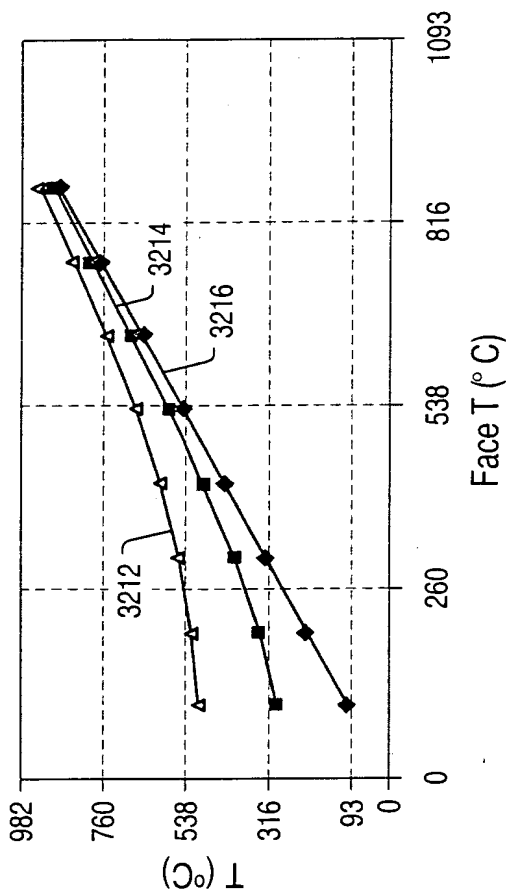


FIG. 86

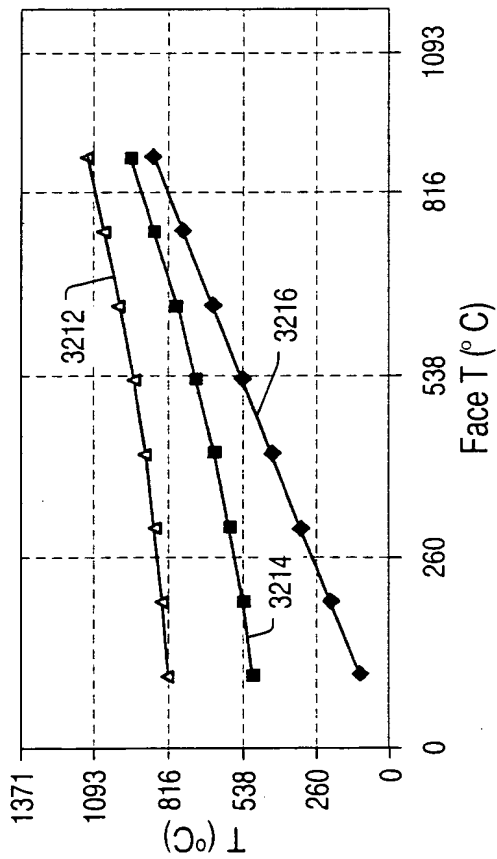


FIG. 87

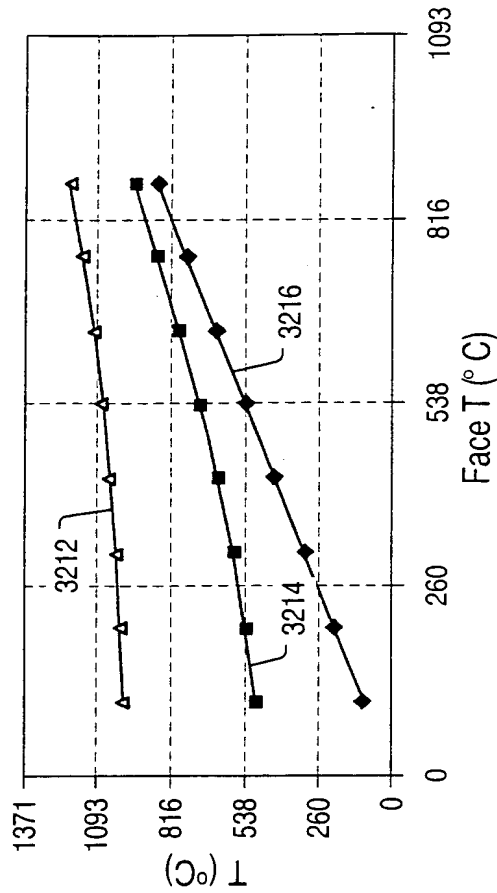


FIG. 88

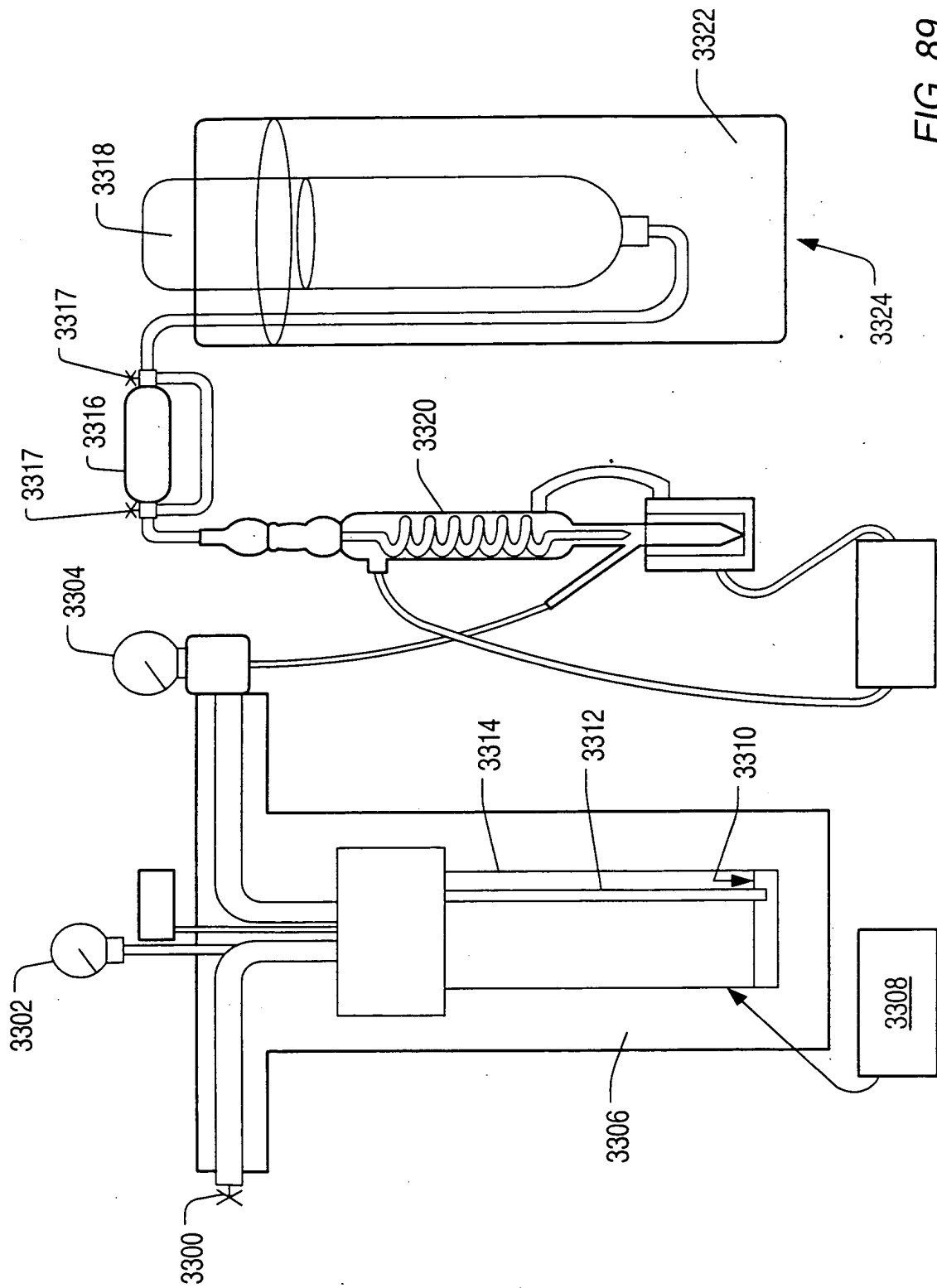


FIG. 89

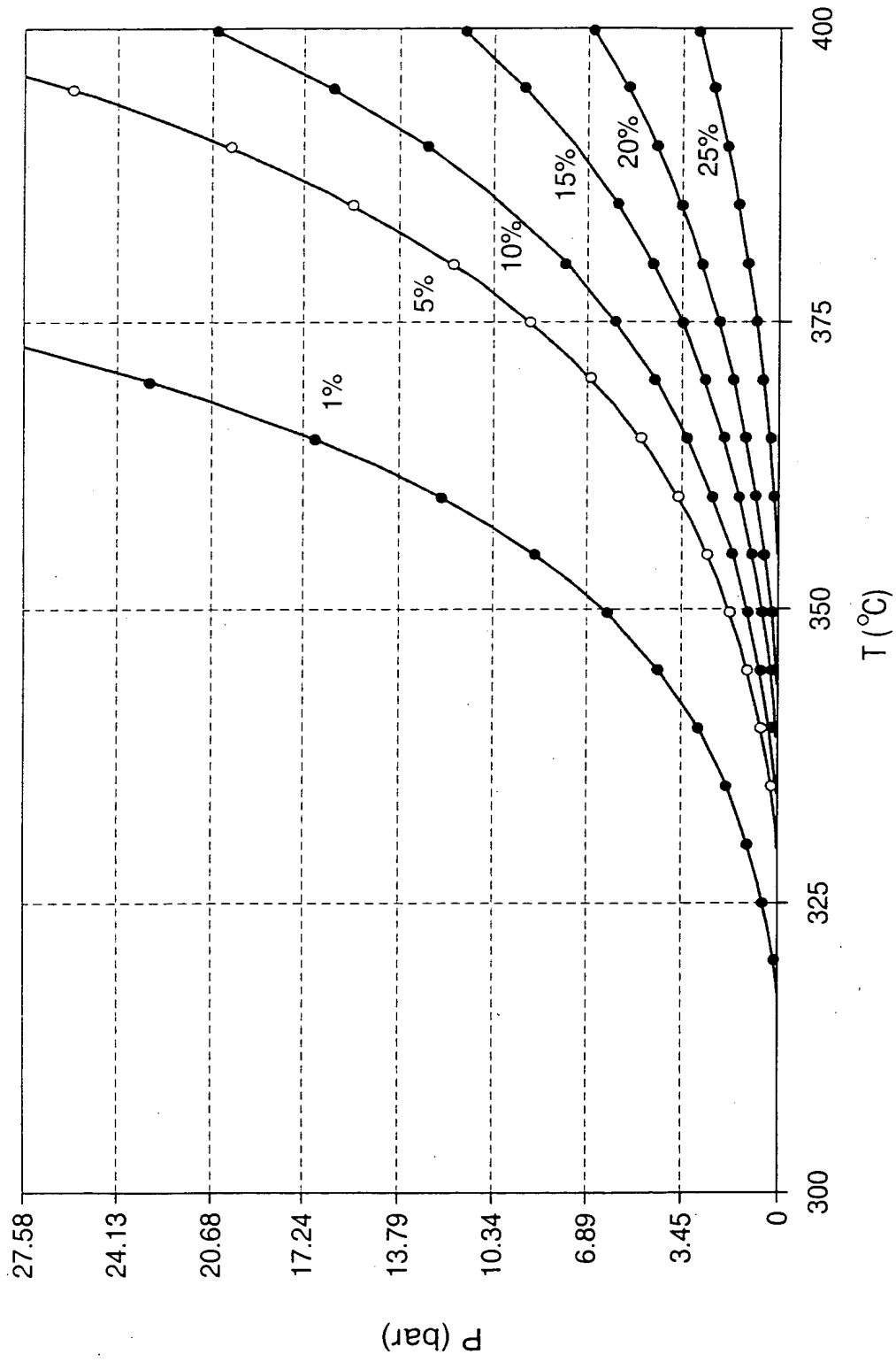


FIG. 90

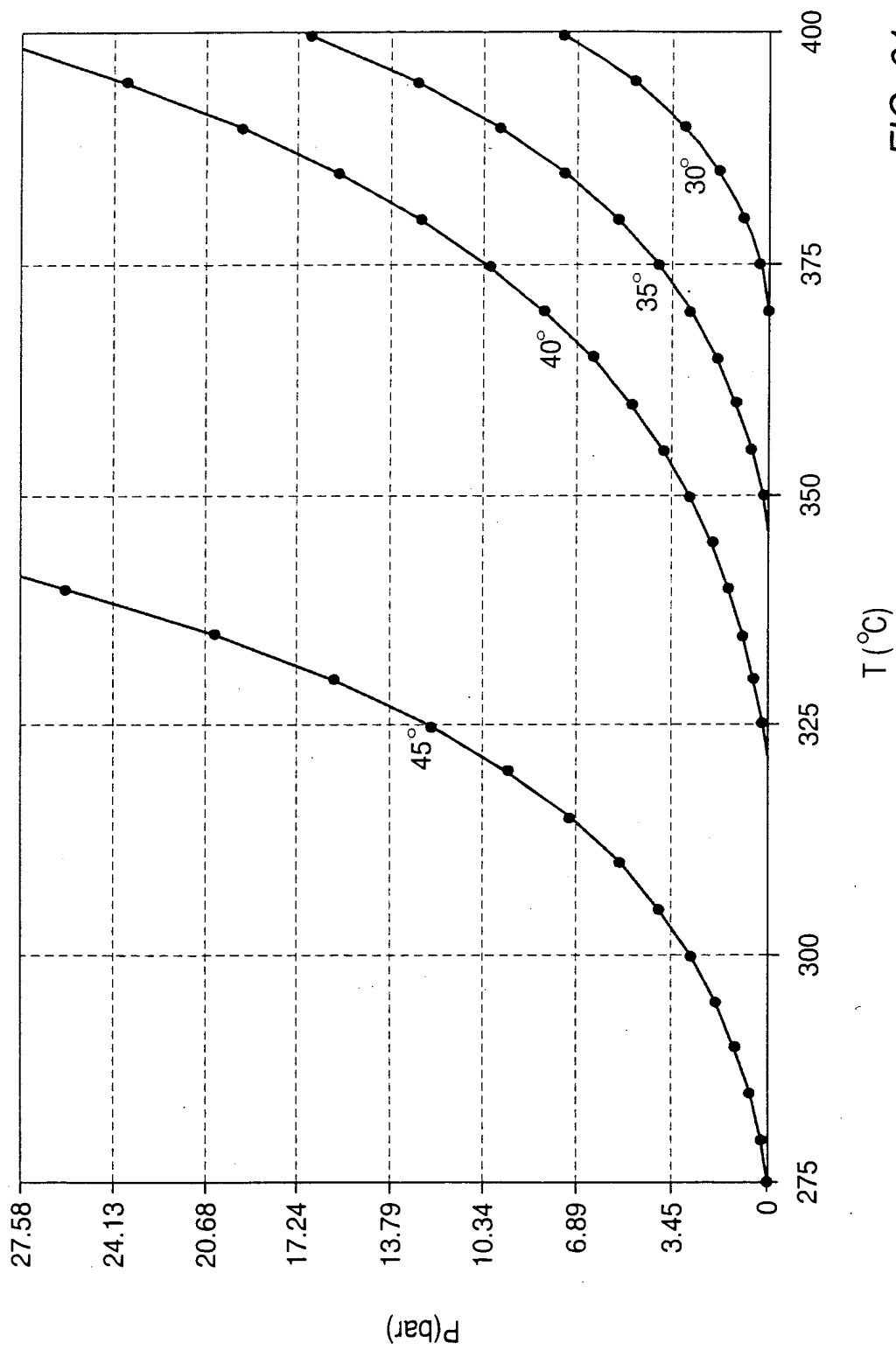


FIG. 91

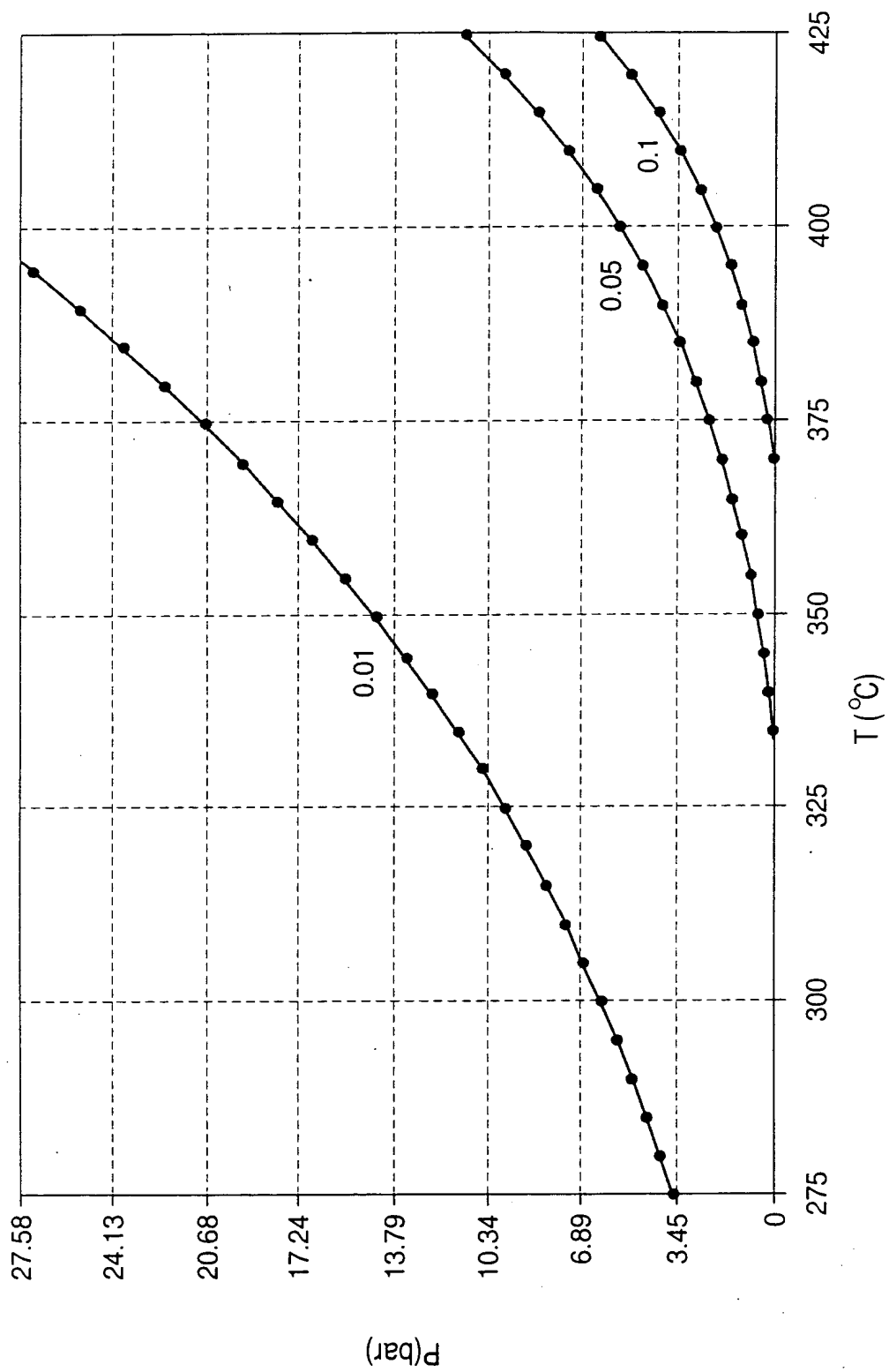


FIG. 92

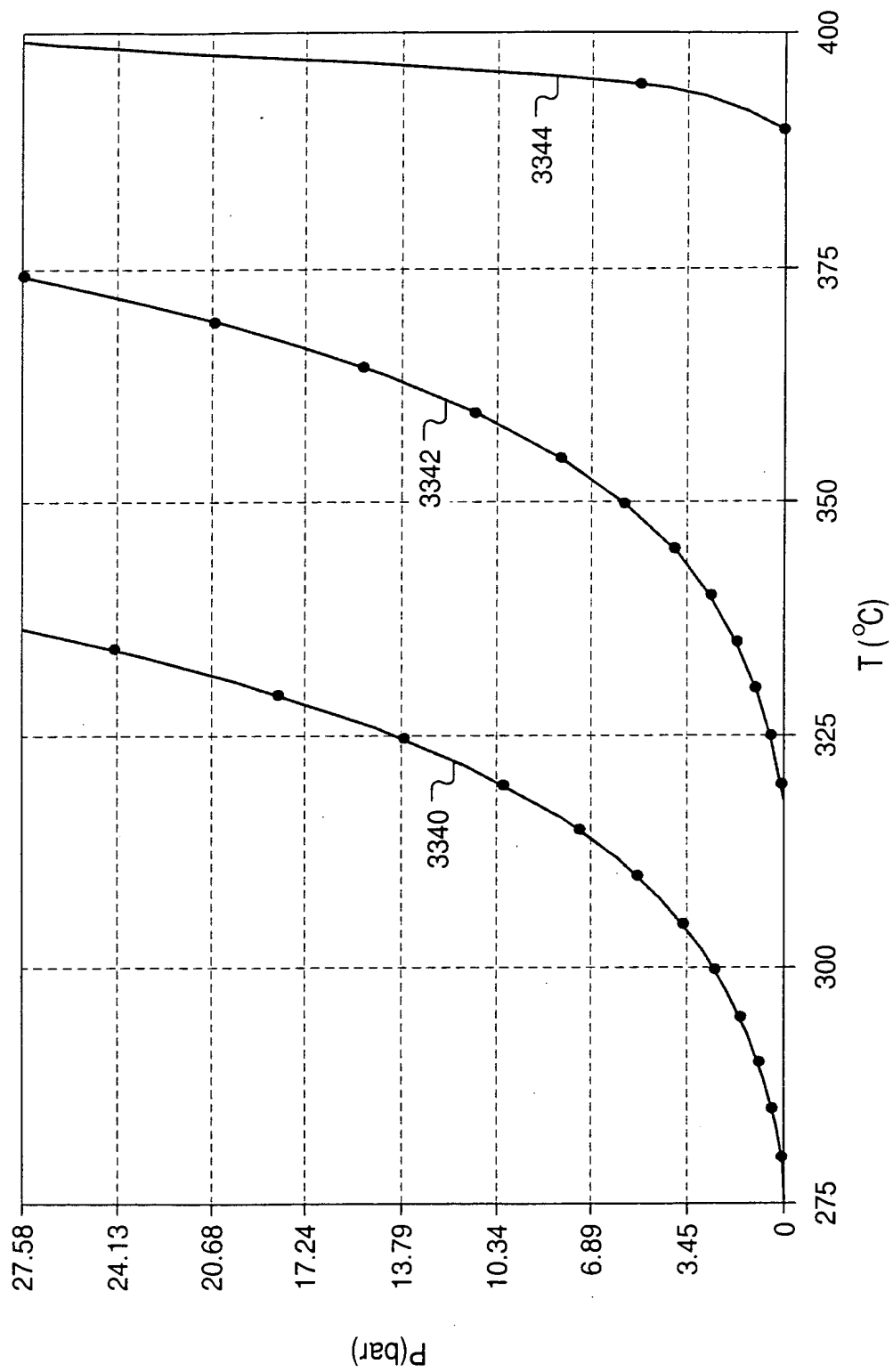


FIG. 93

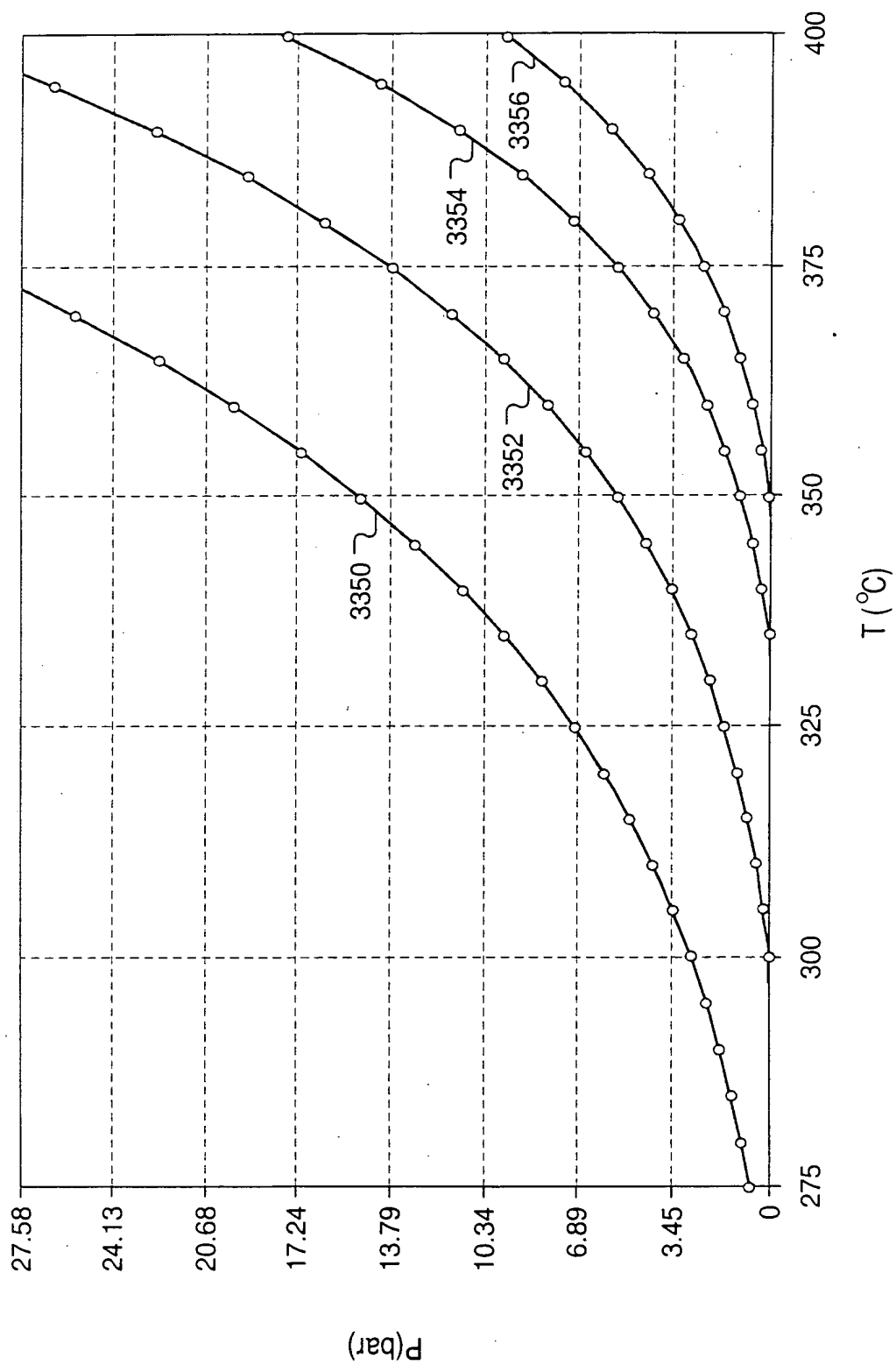


FIG. 94

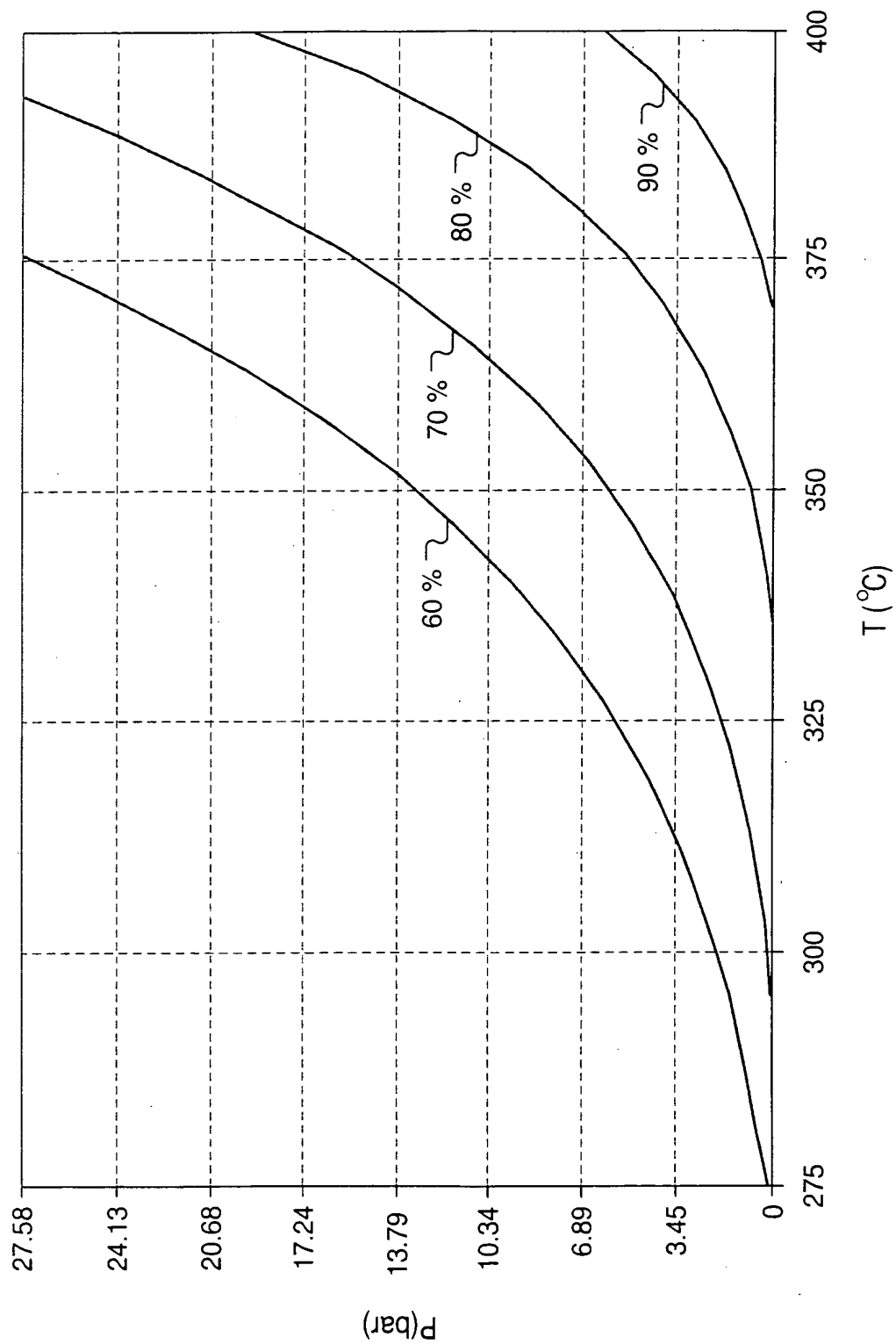


FIG. 95

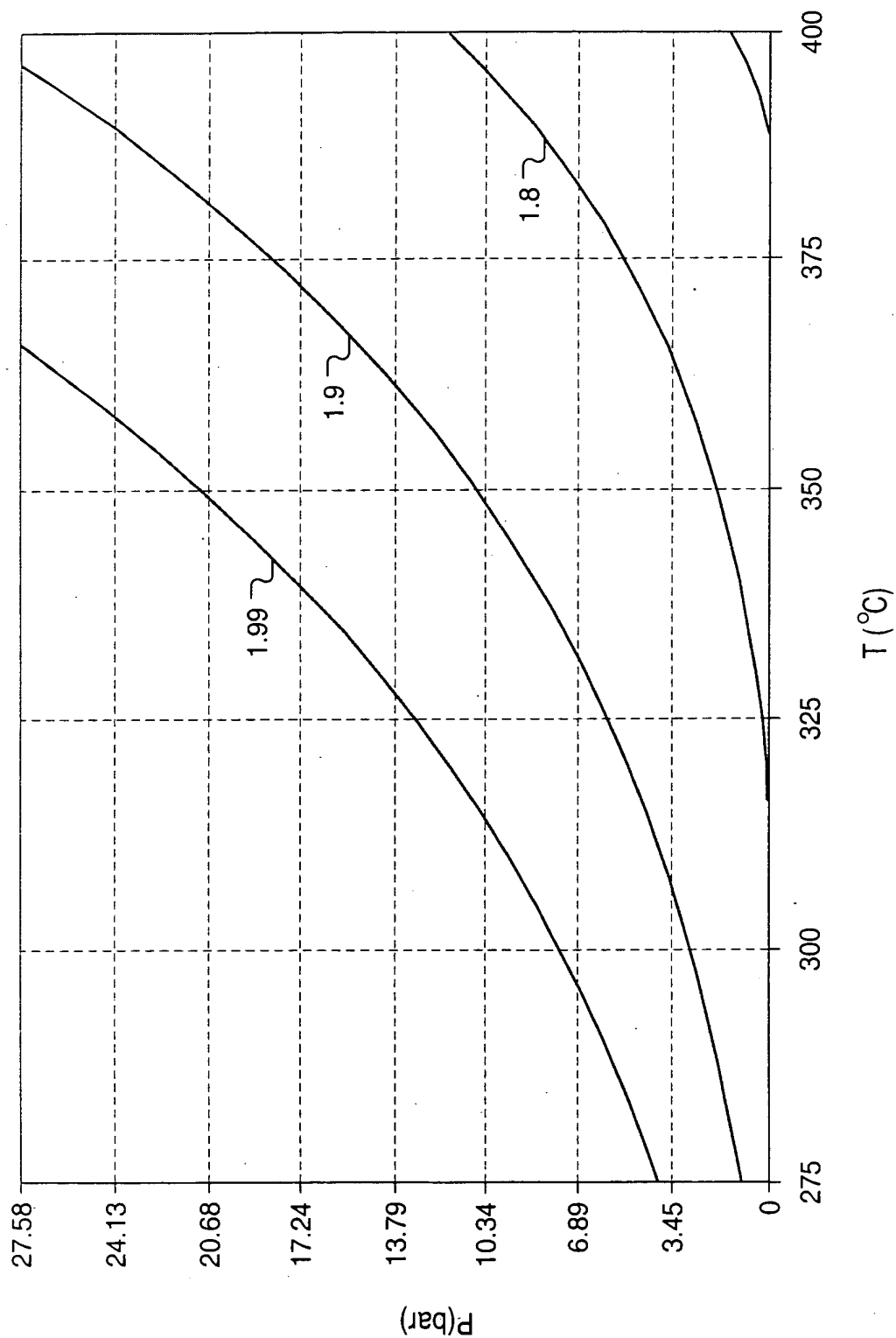


FIG. 96

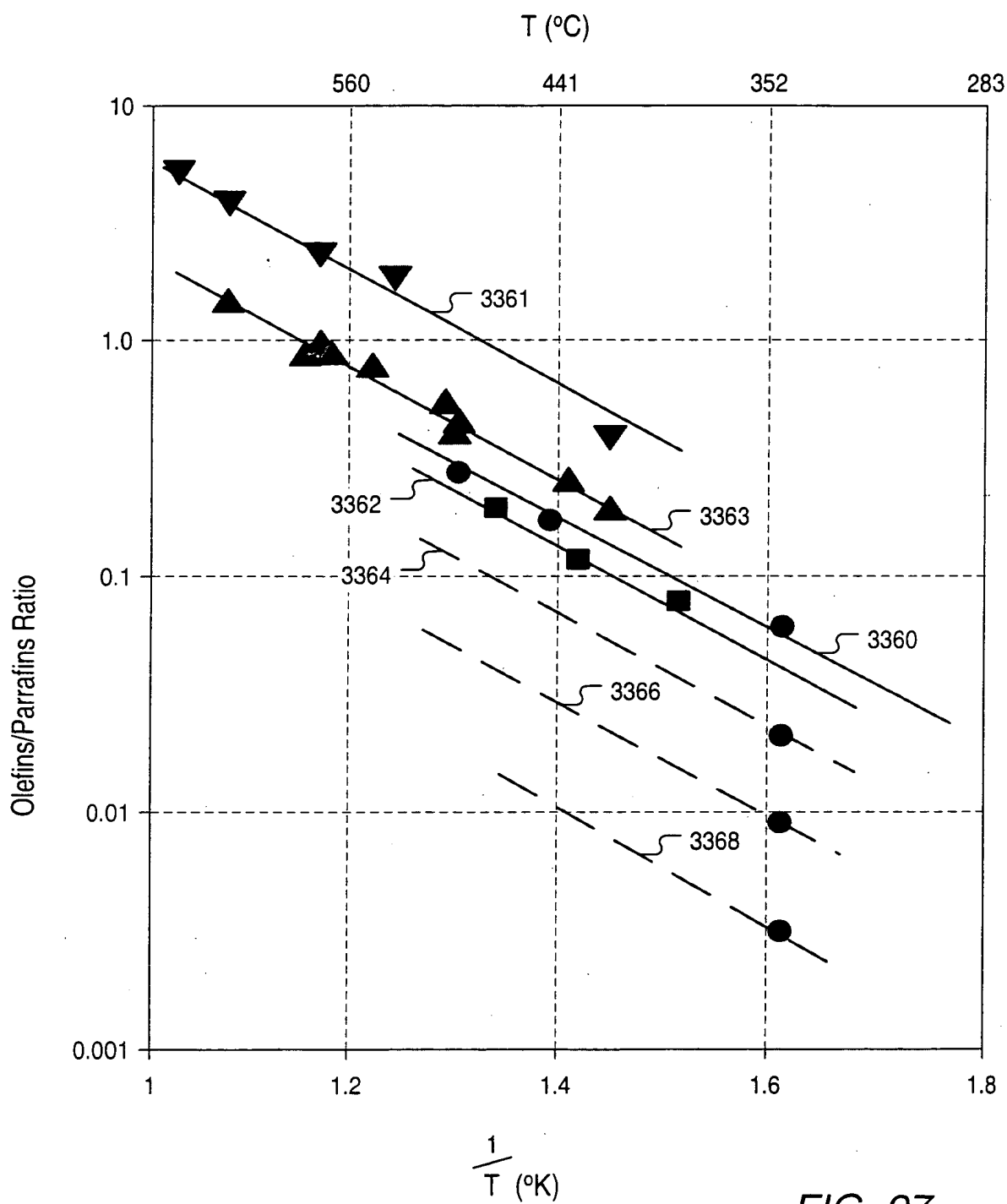


FIG. 97

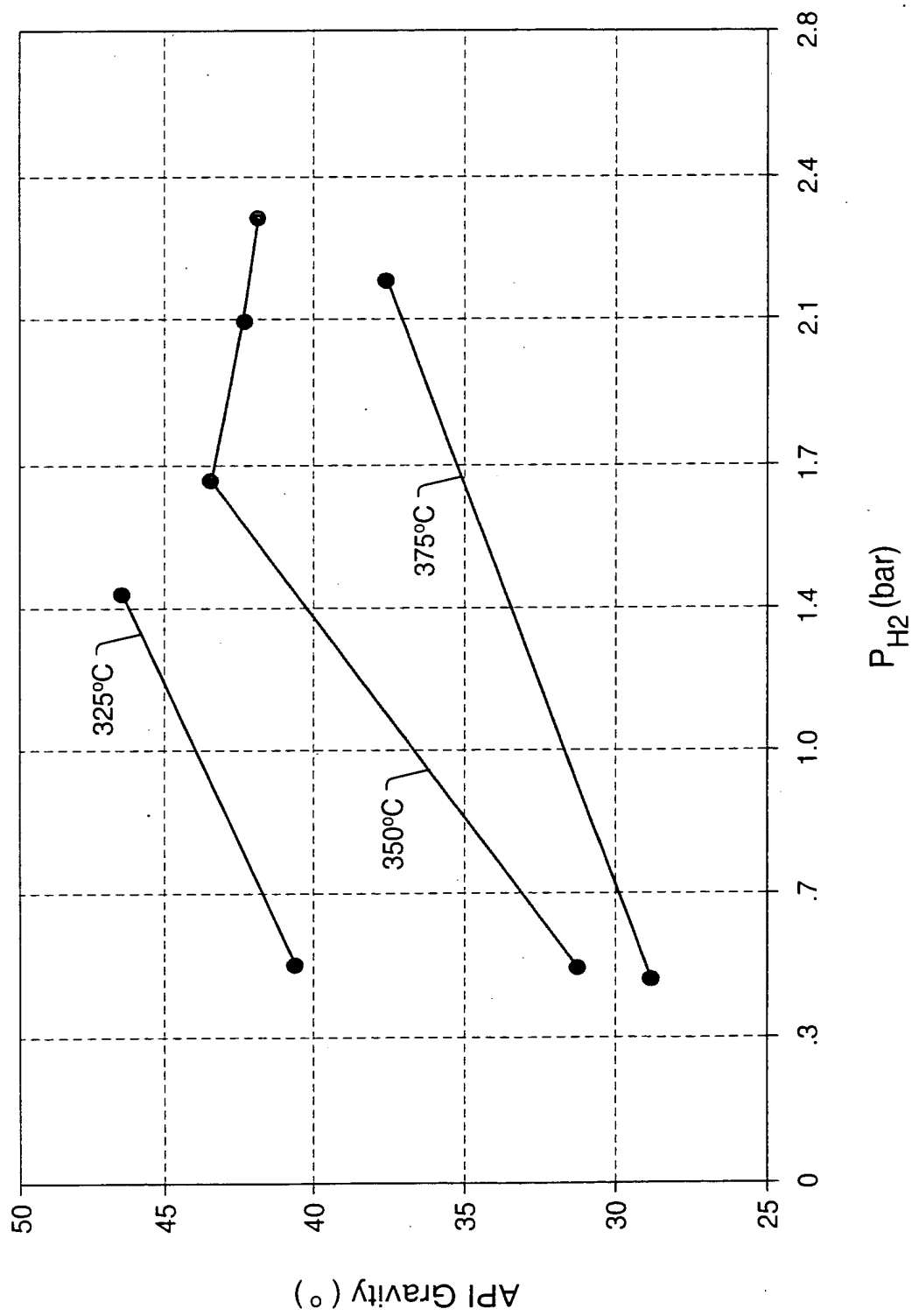


FIG. 98

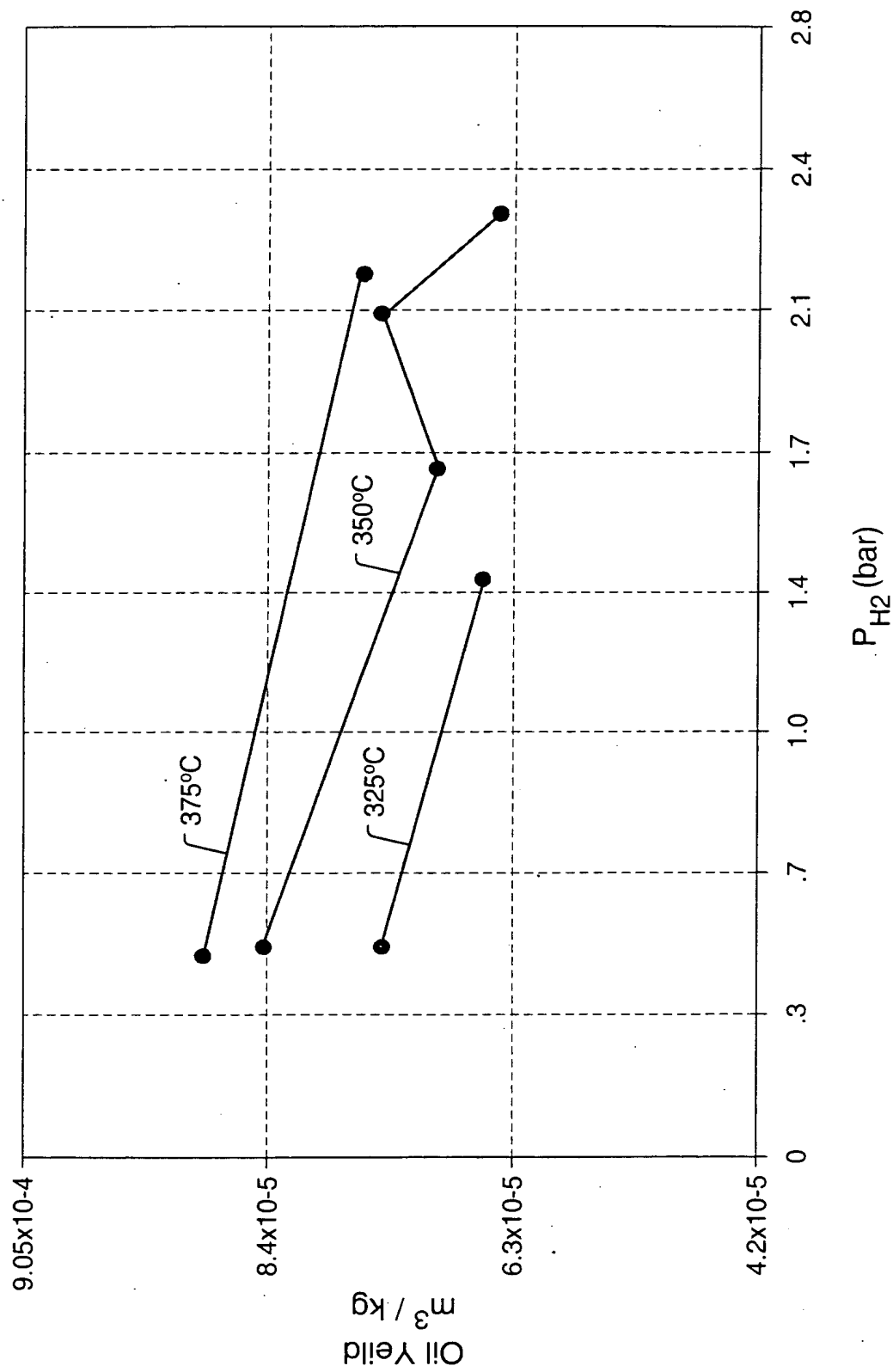


FIG. 99

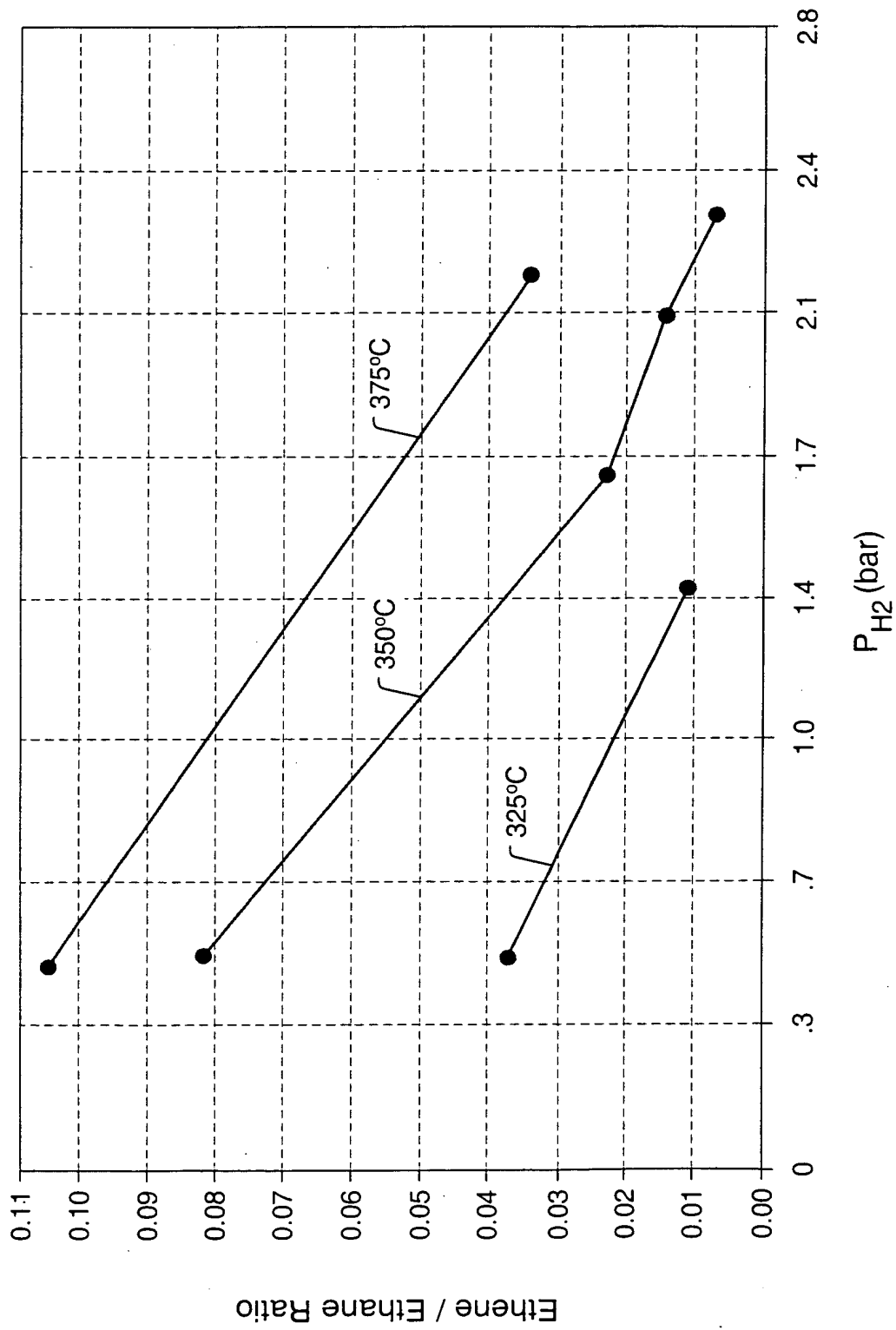


FIG. 100

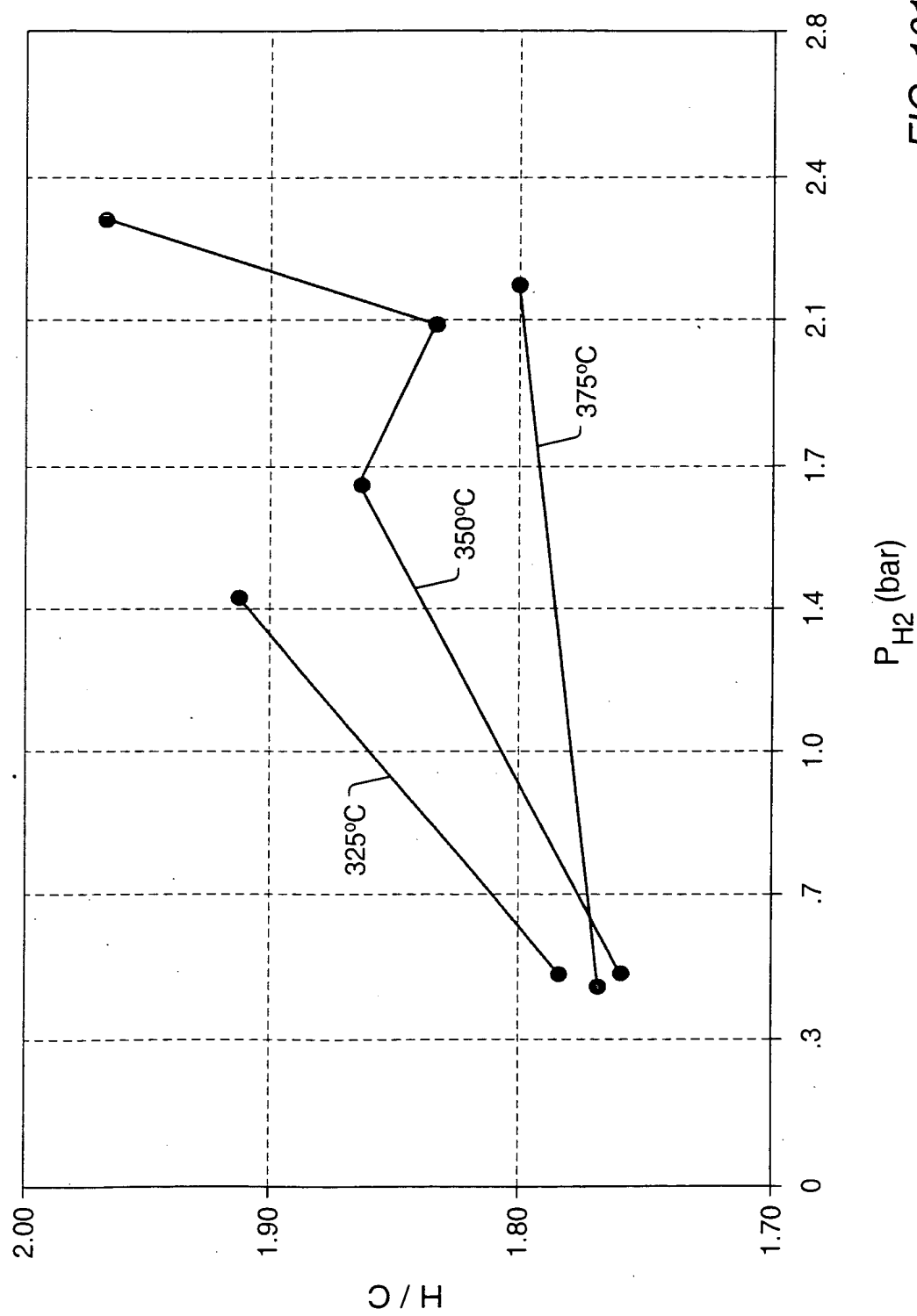


FIG. 101

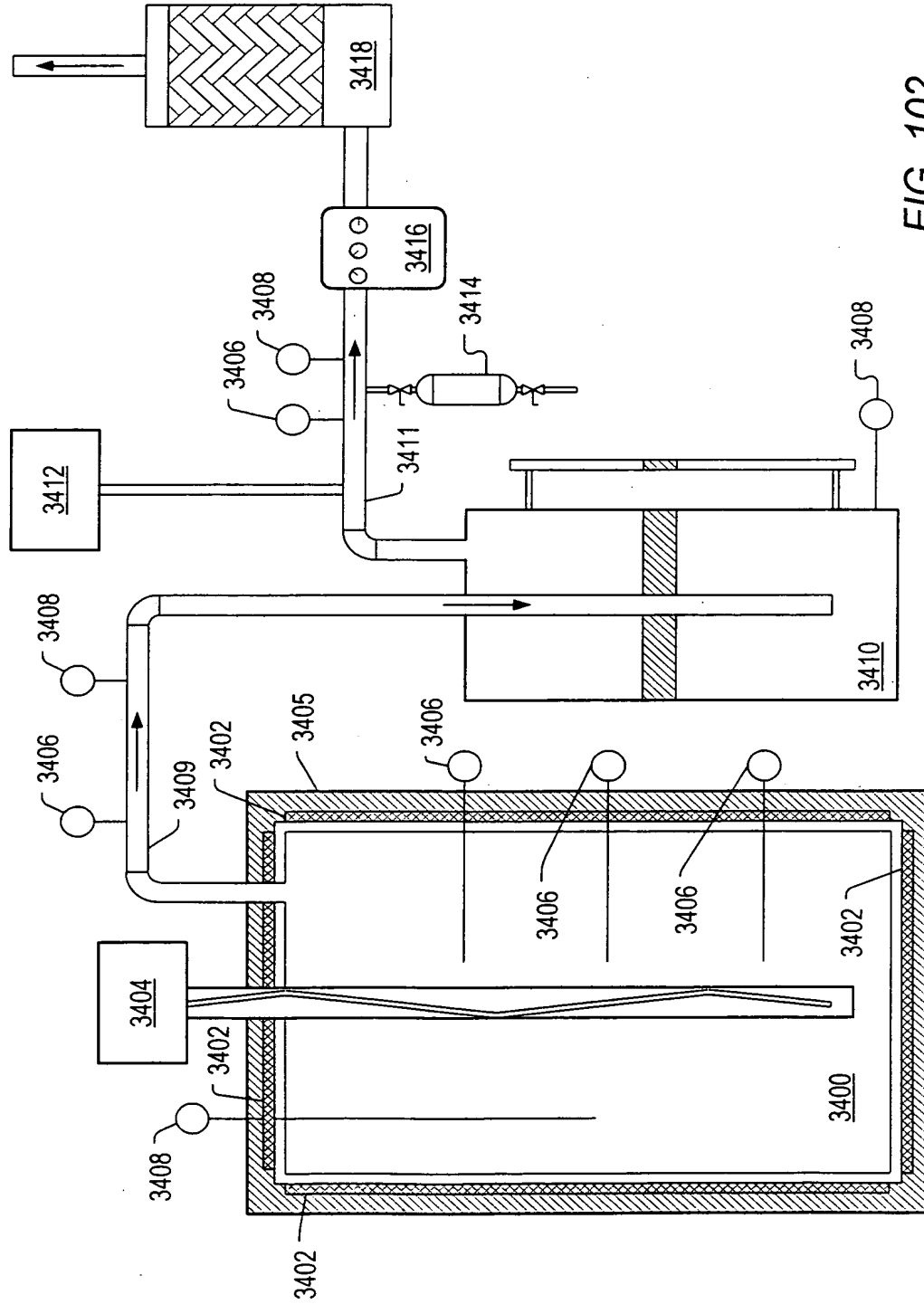


FIG. 102

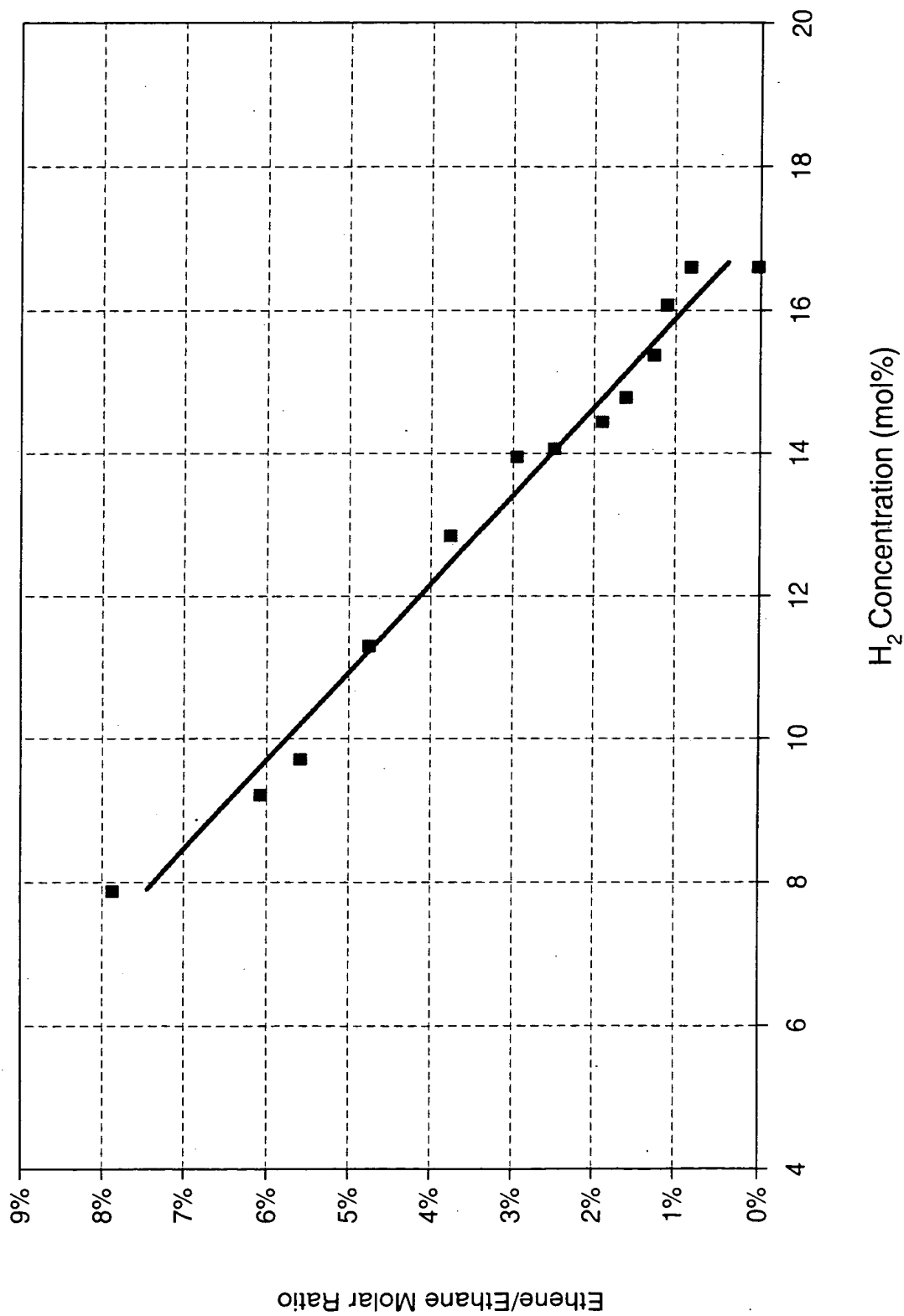
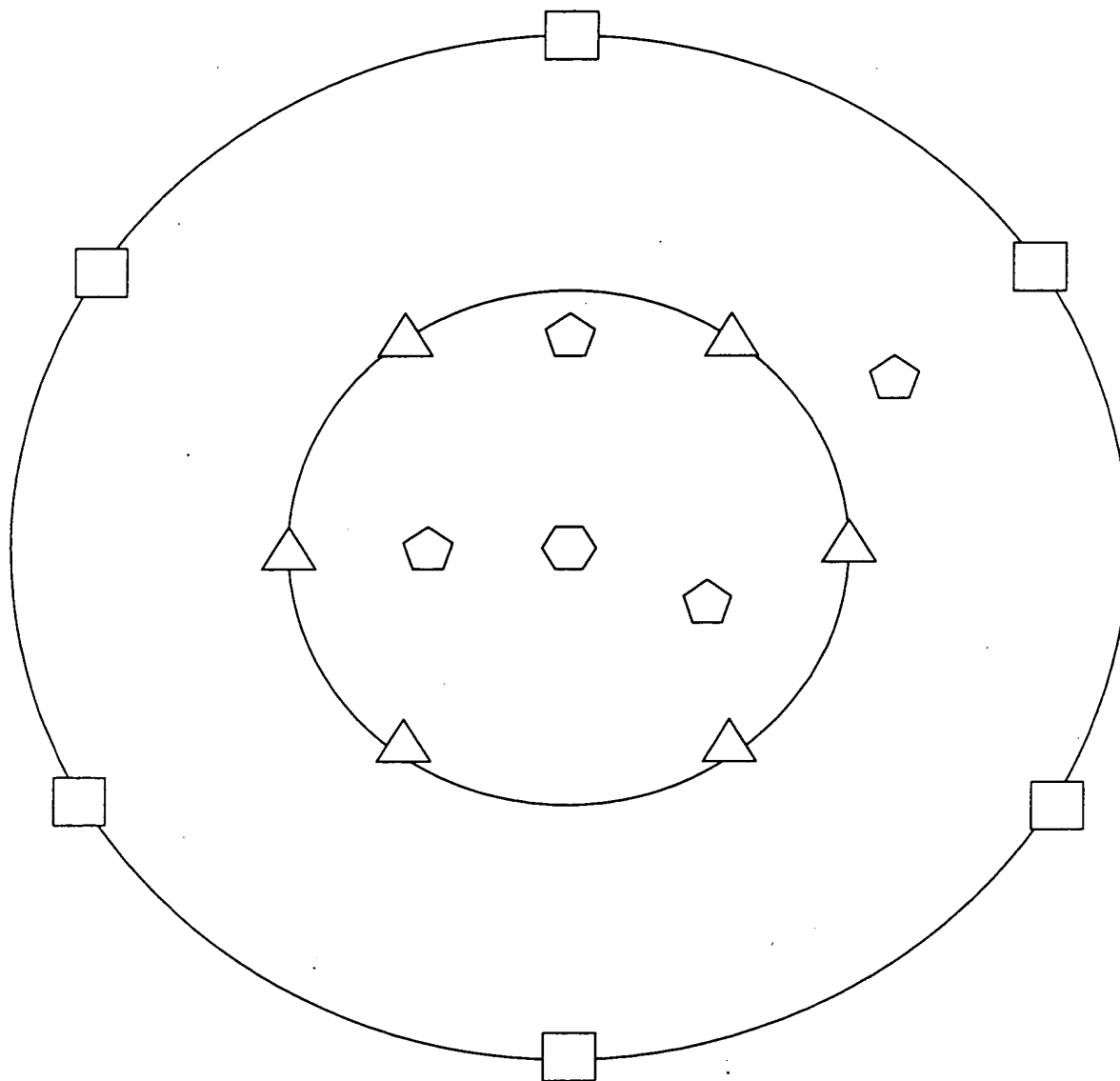


FIG. 103

FIG. 104



△ - 3600

⬠ - 3603

□ - 3604

⬡ - 3602

FIG. 104

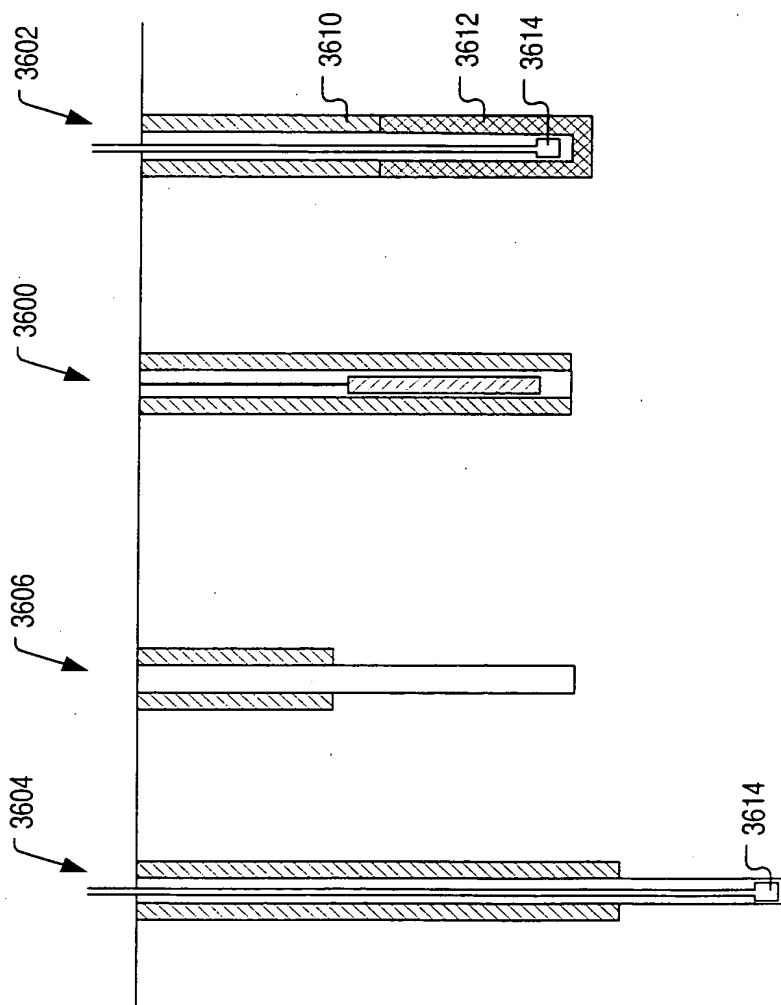


FIG. 105

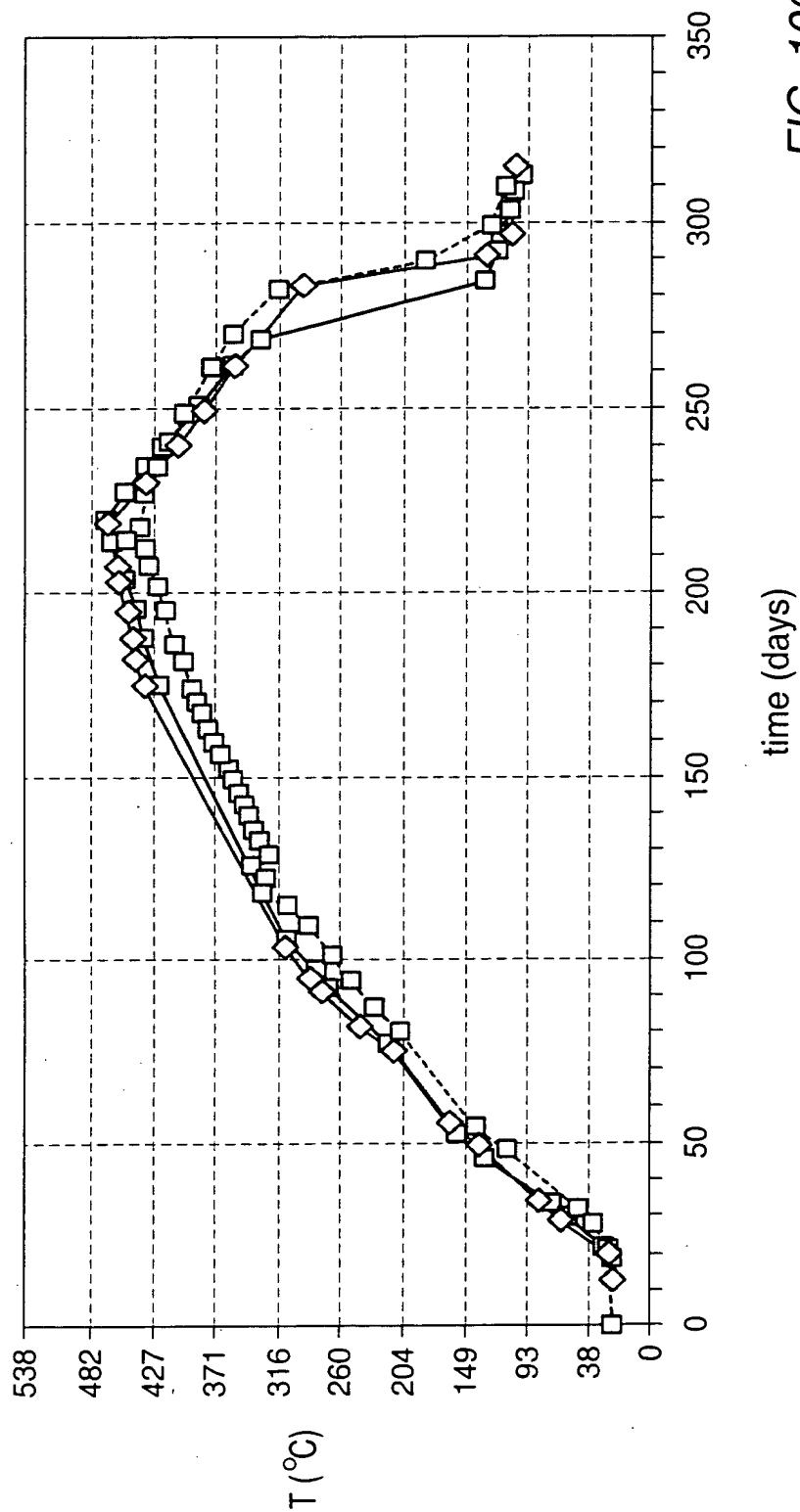


FIG. 106

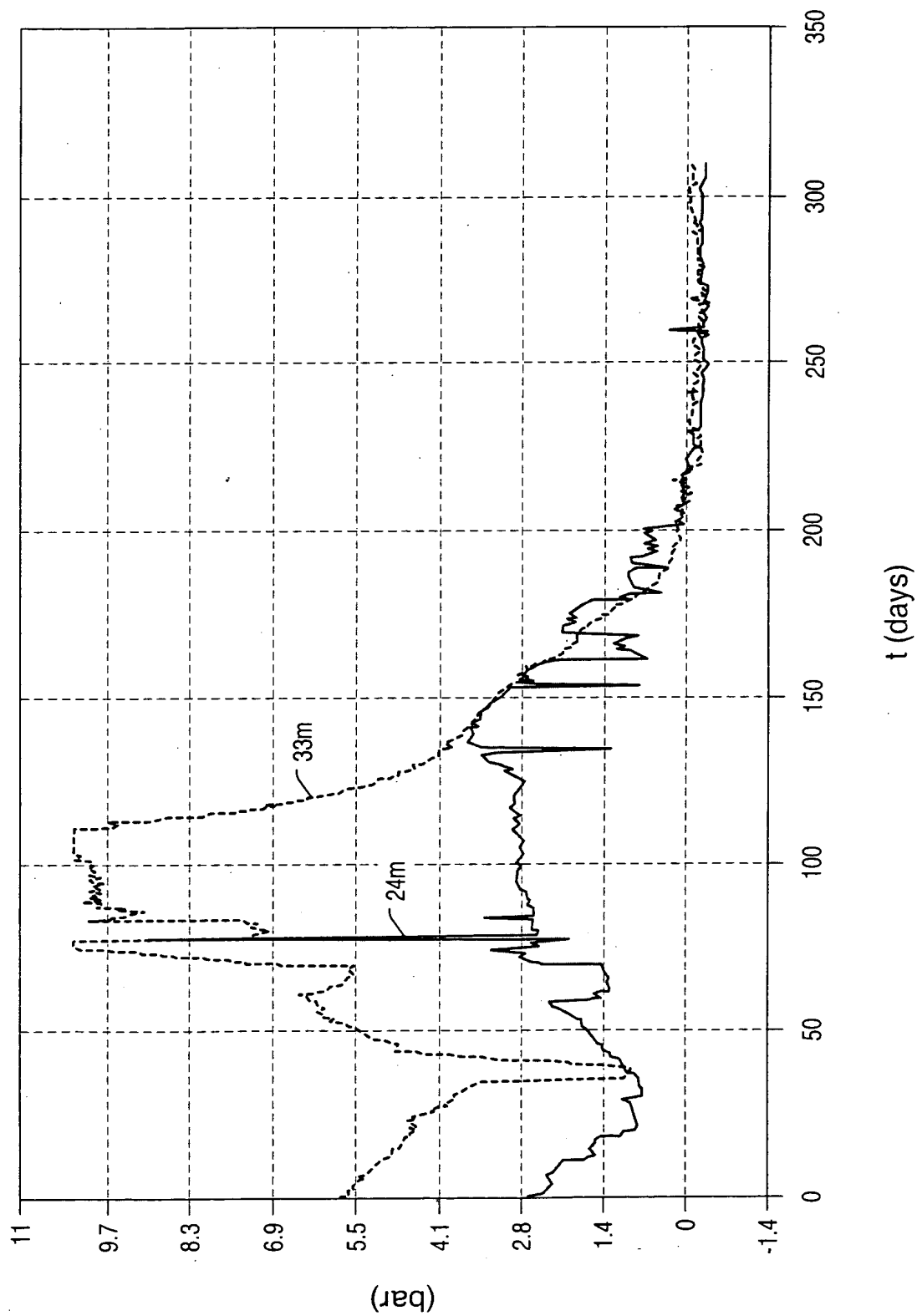


FIG. 107

Patented March 1960

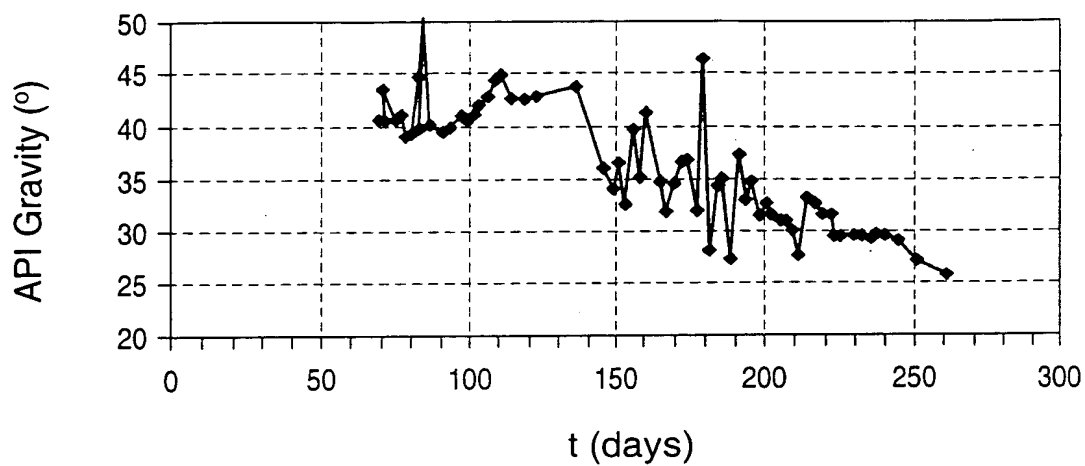


FIG. 108

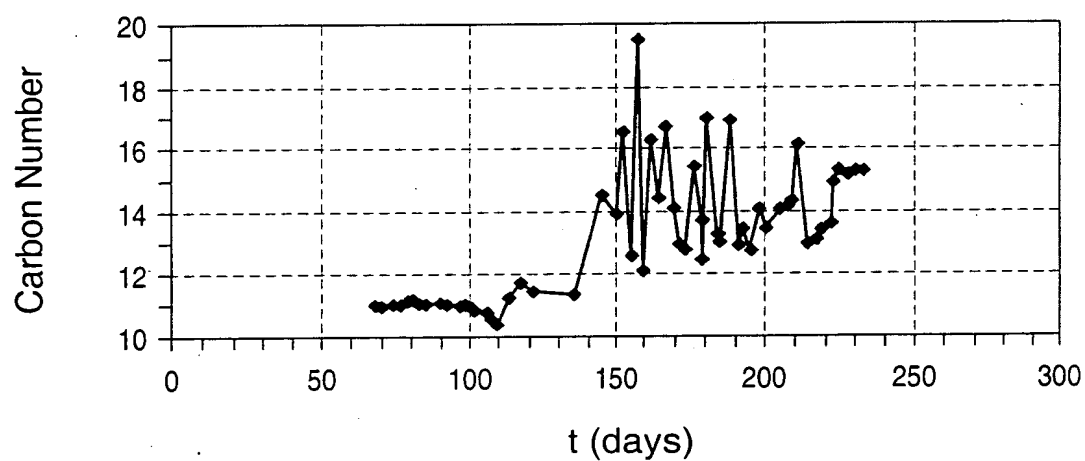


FIG. 109

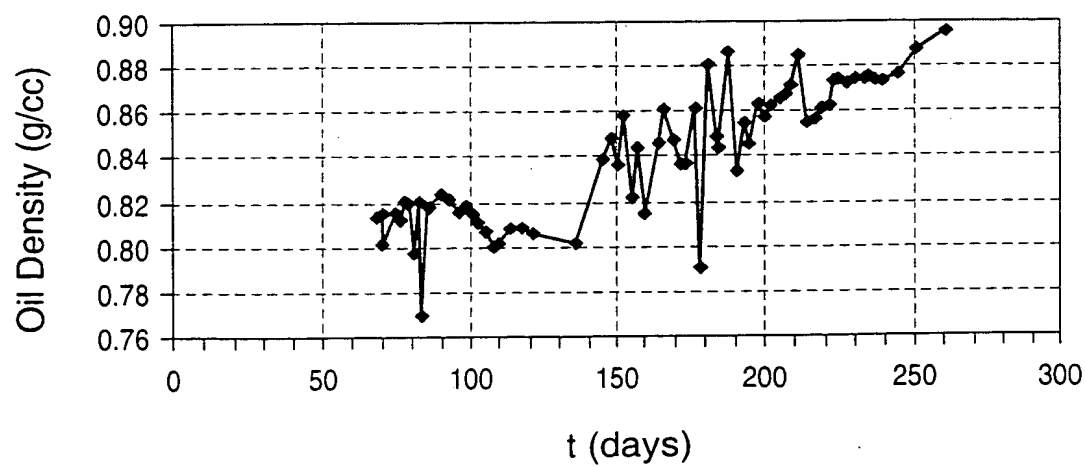


FIG. 110

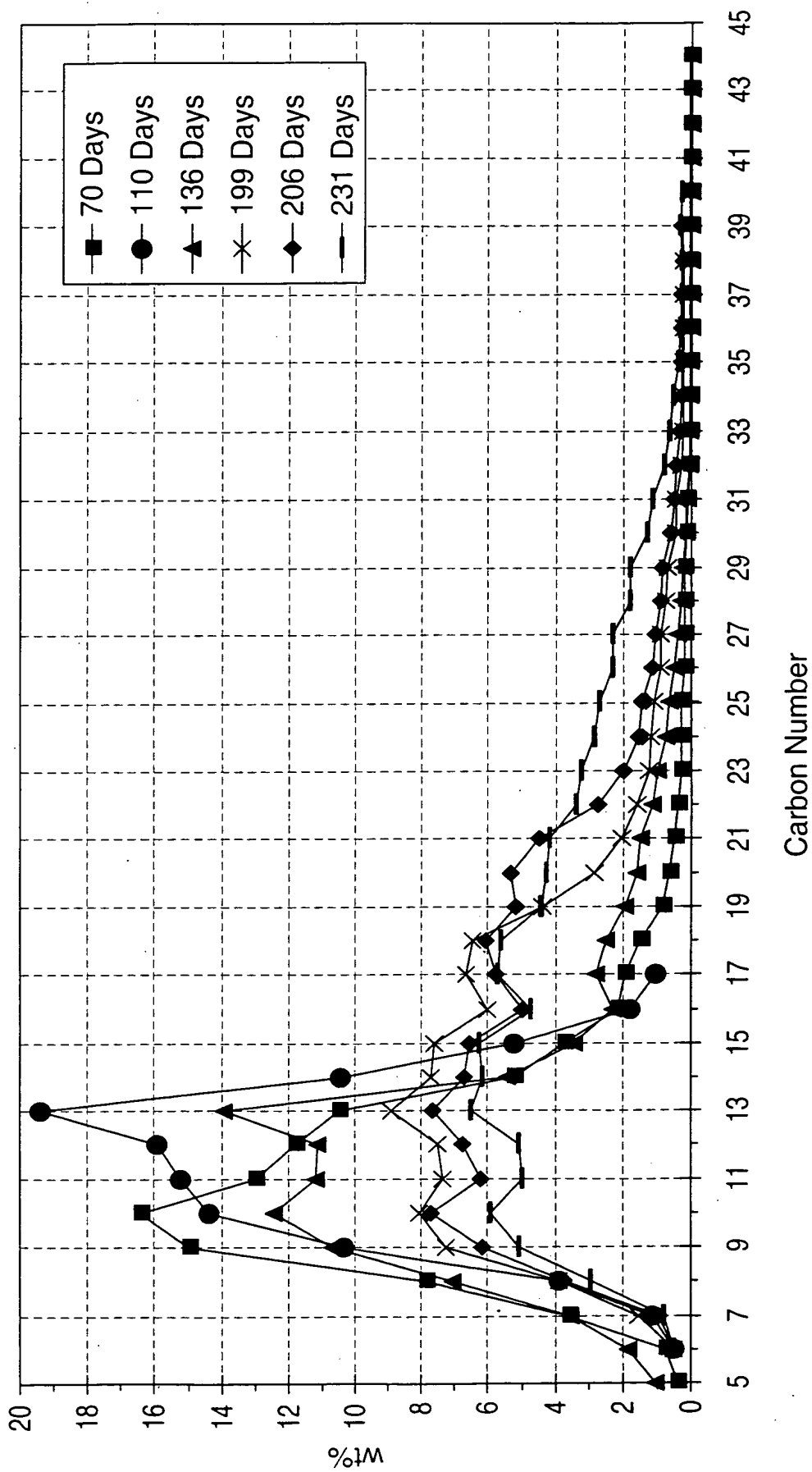


FIG. 111

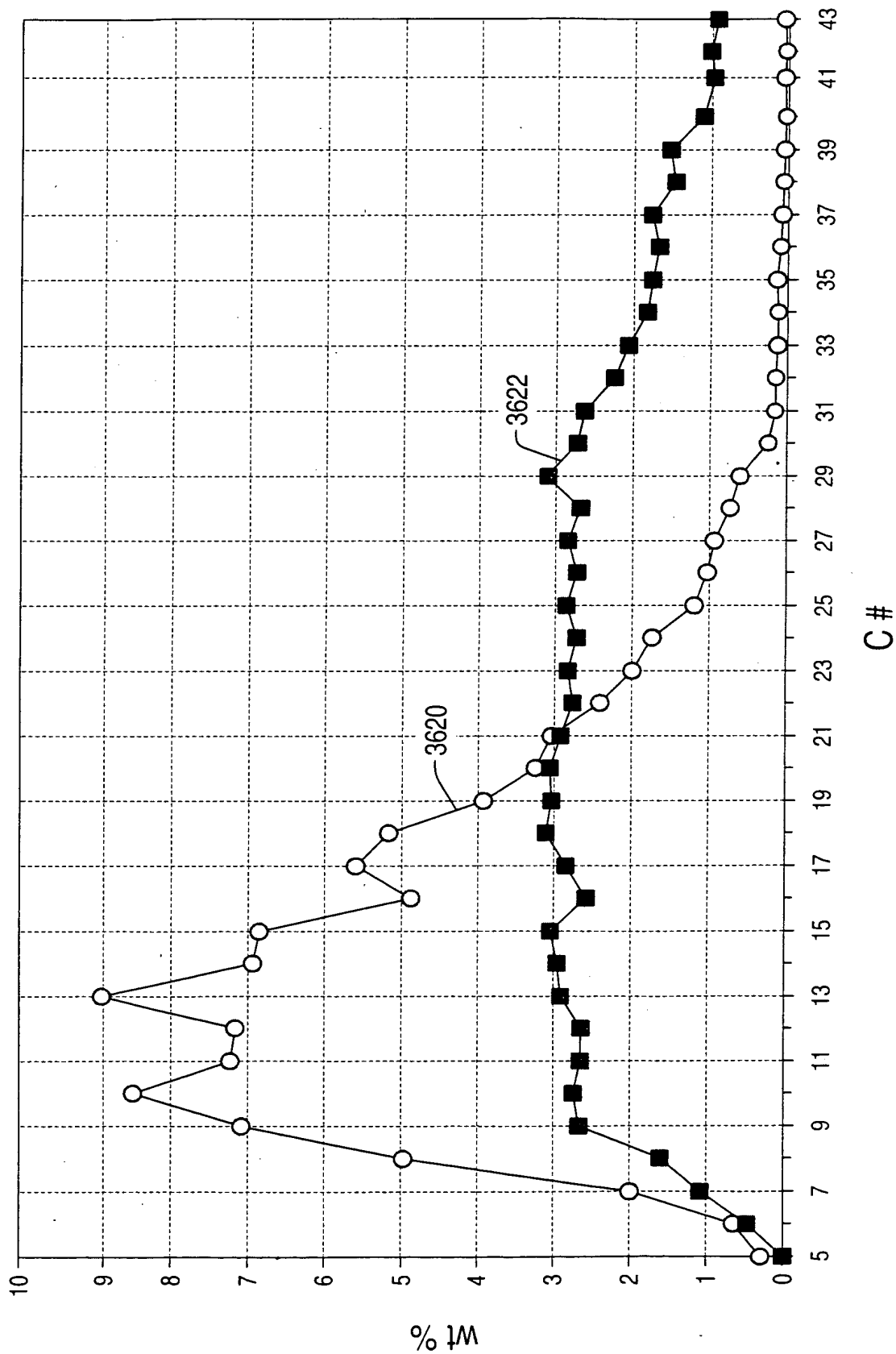


FIG. 112

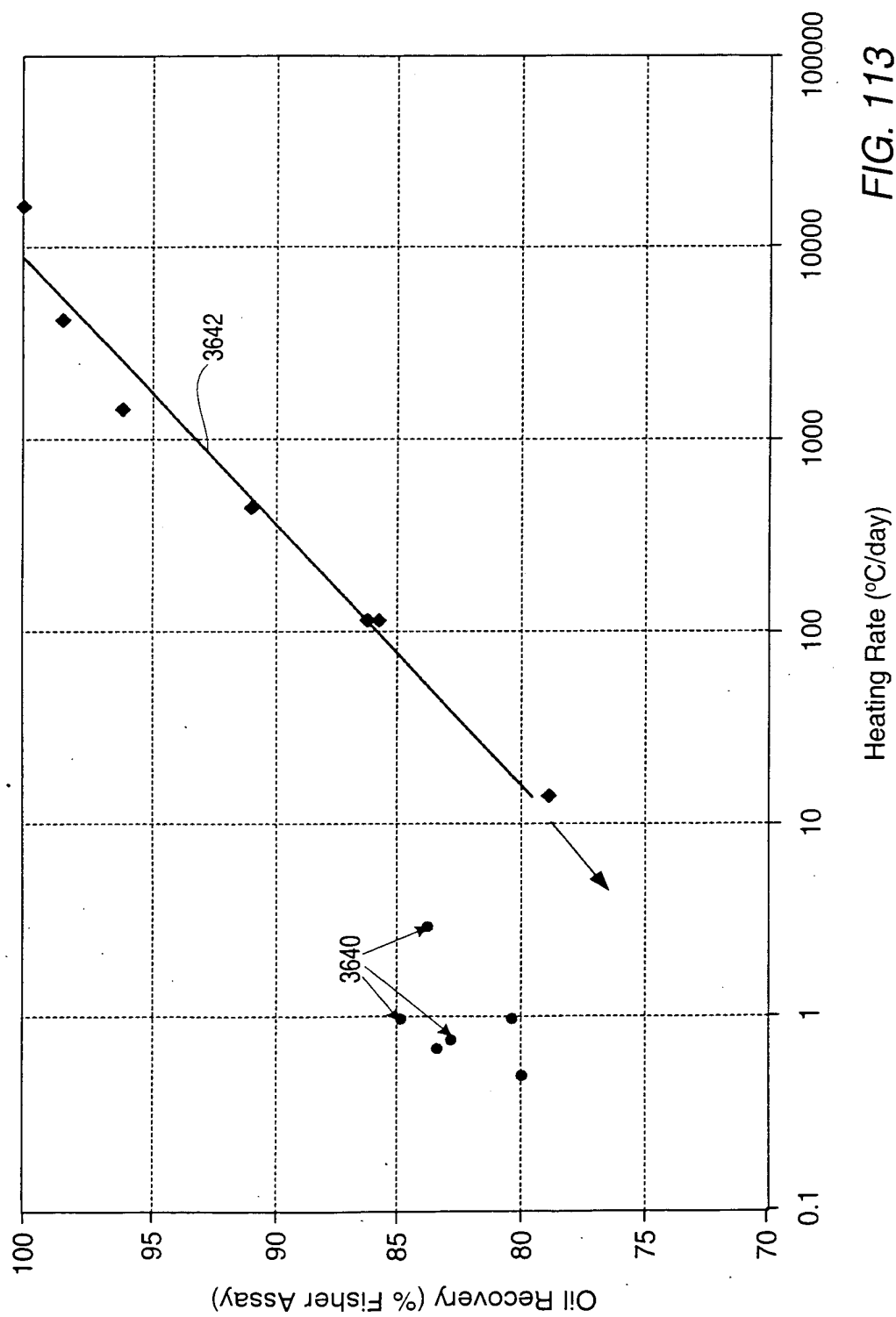


FIG. 113

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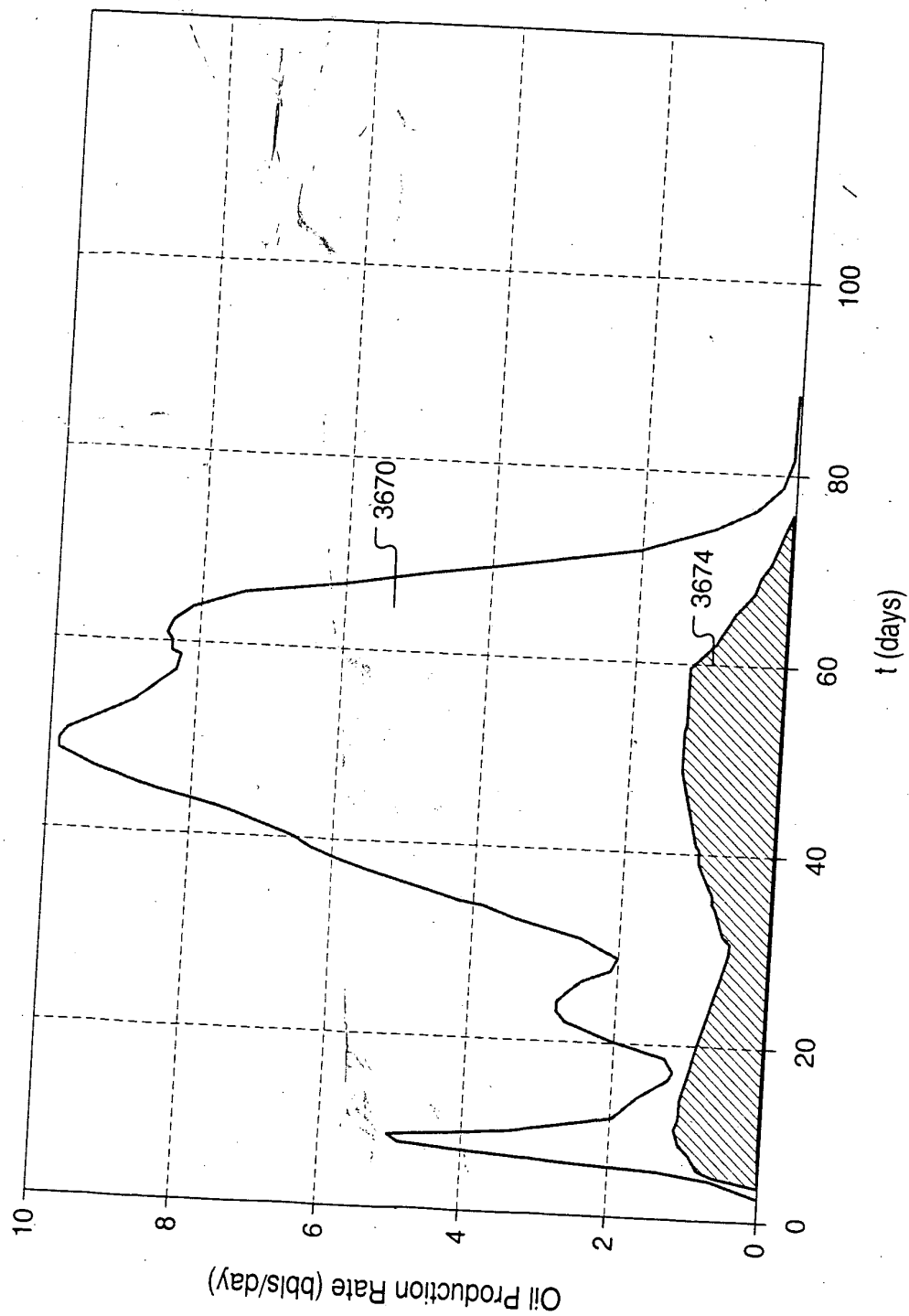


FIG. 114

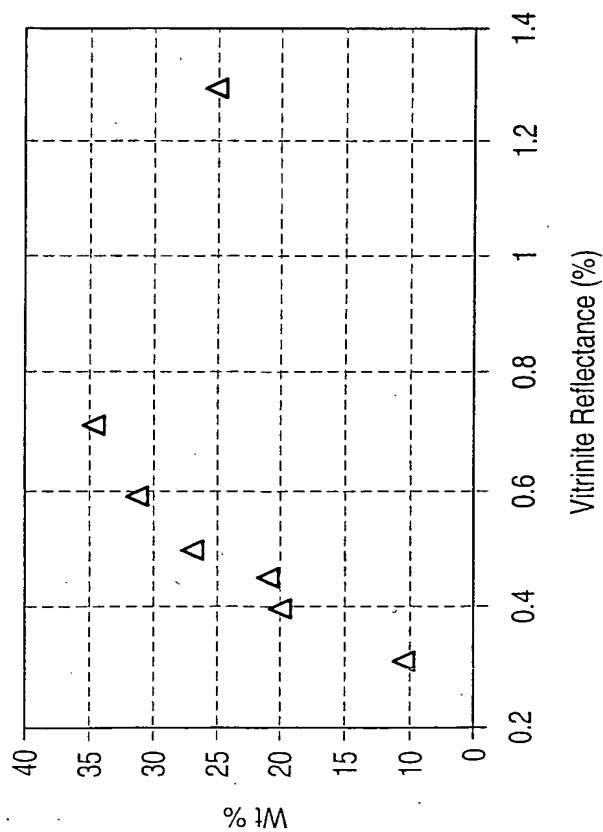


FIG. 115

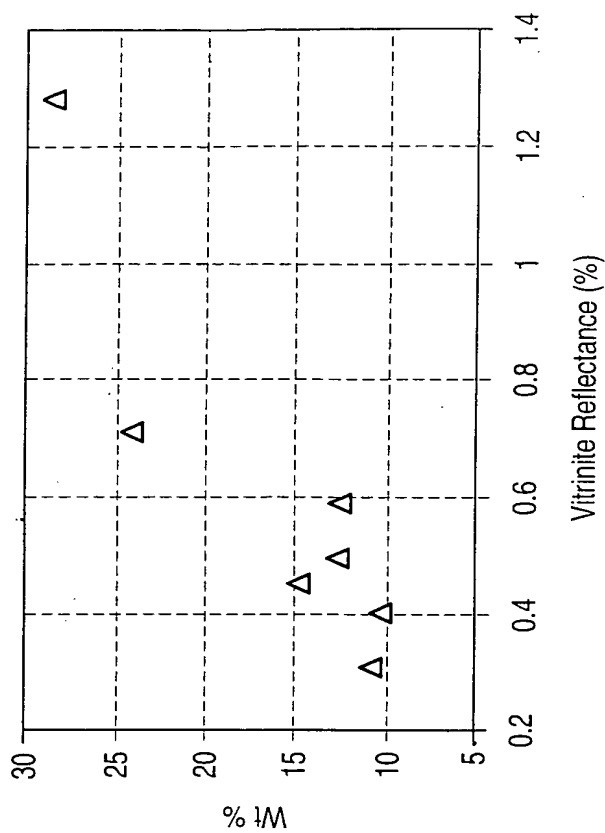


FIG. 116

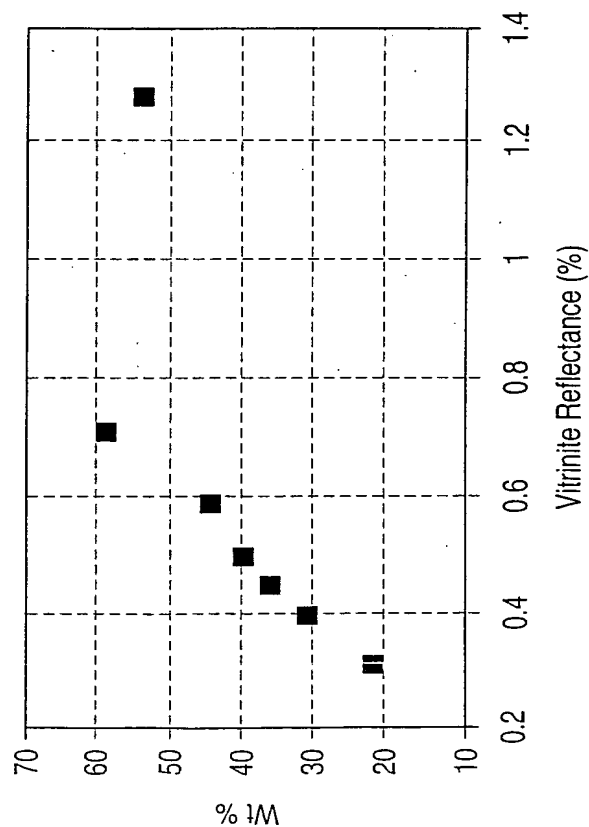


FIG. 117

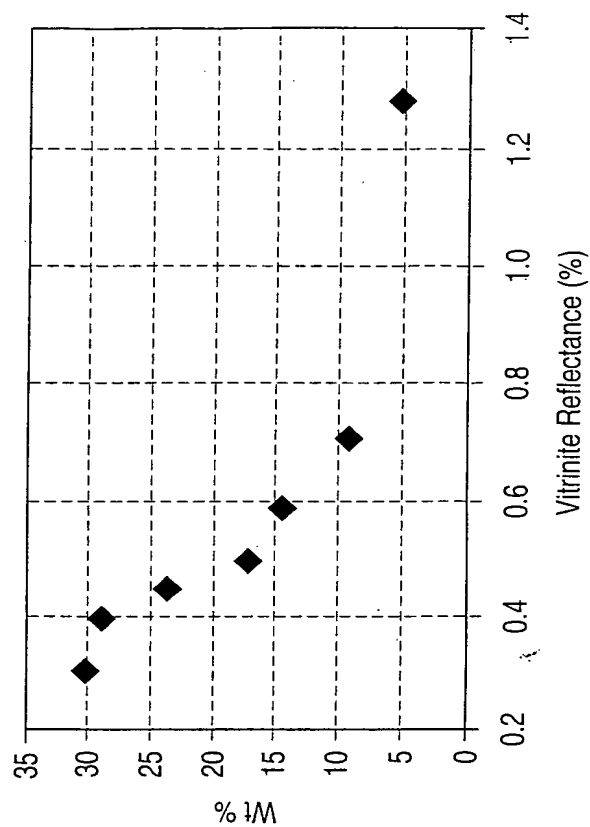


FIG. 118

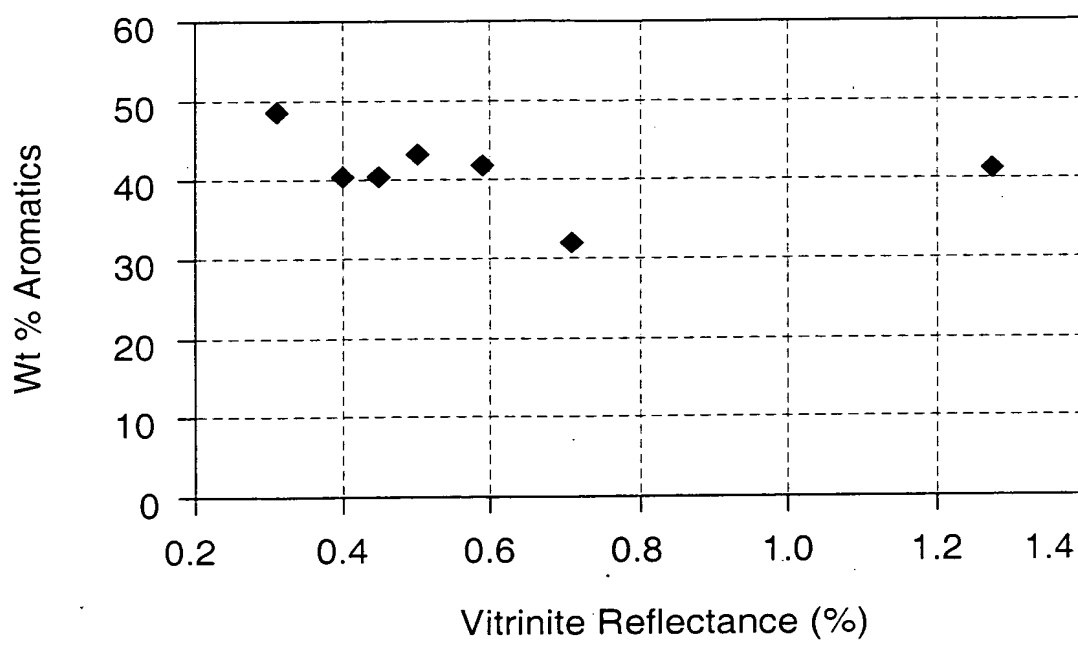


FIG. 119

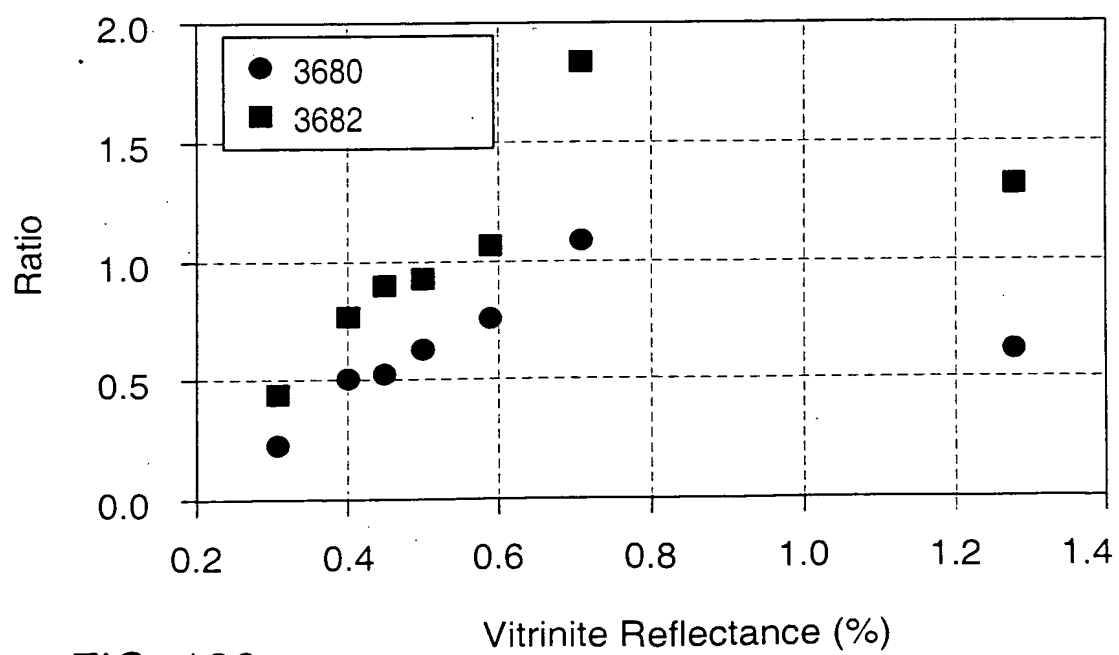
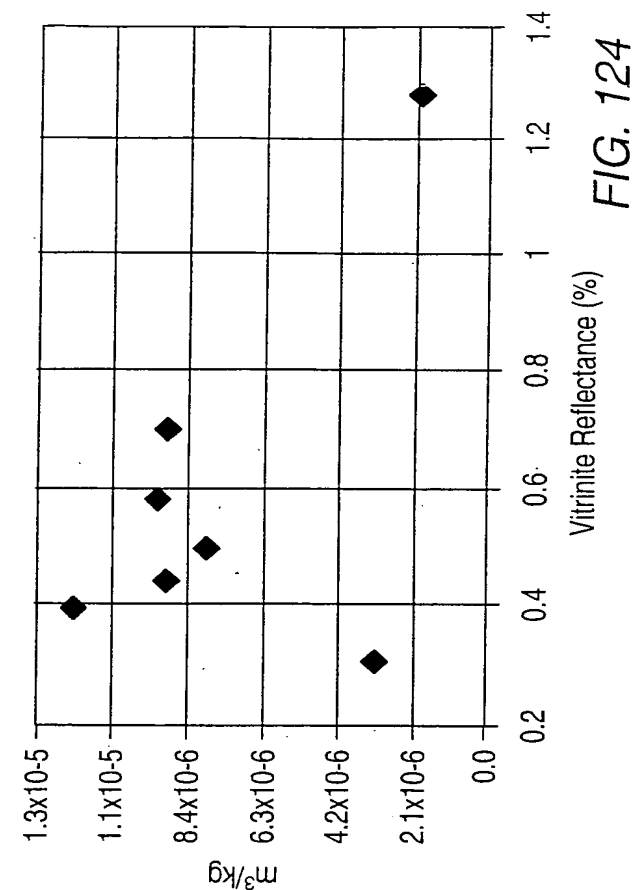
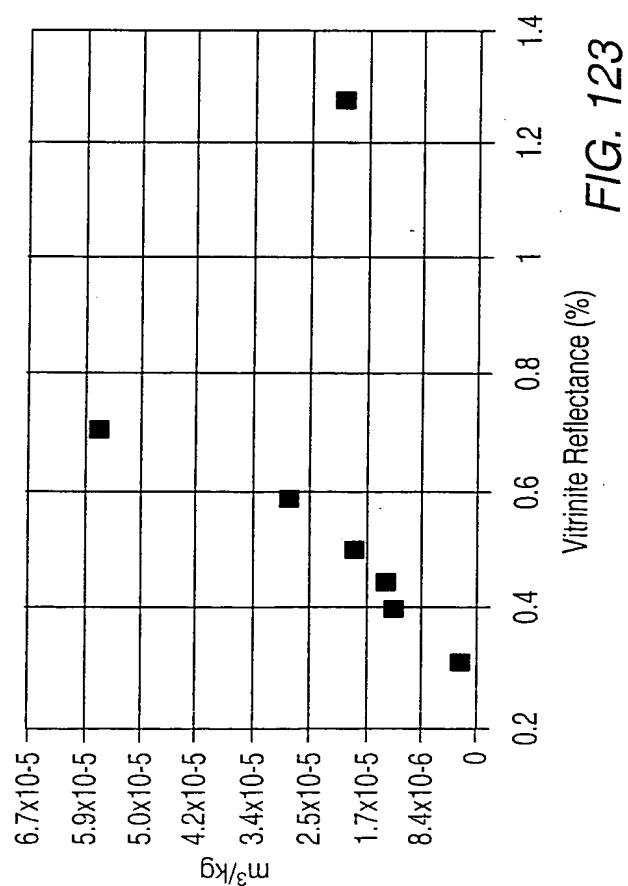
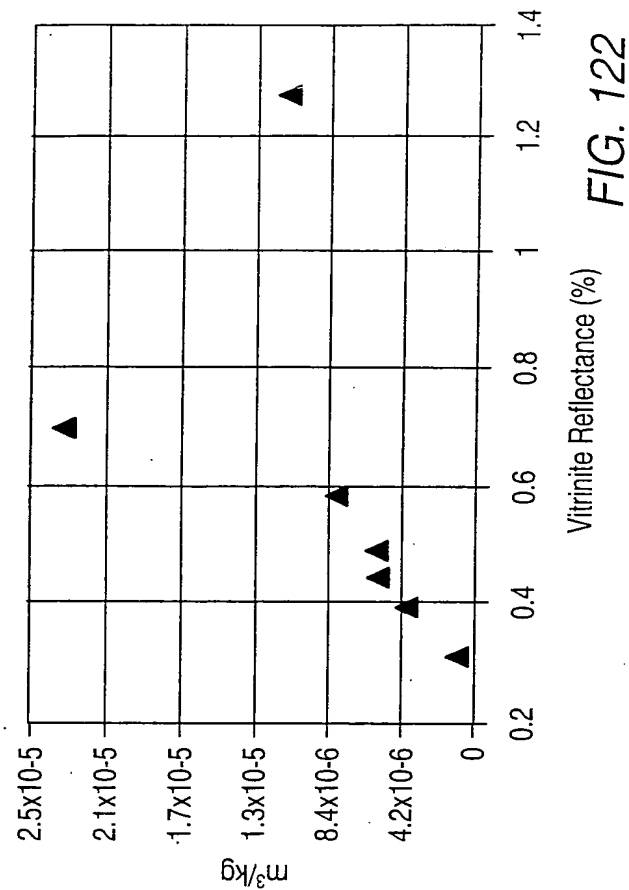
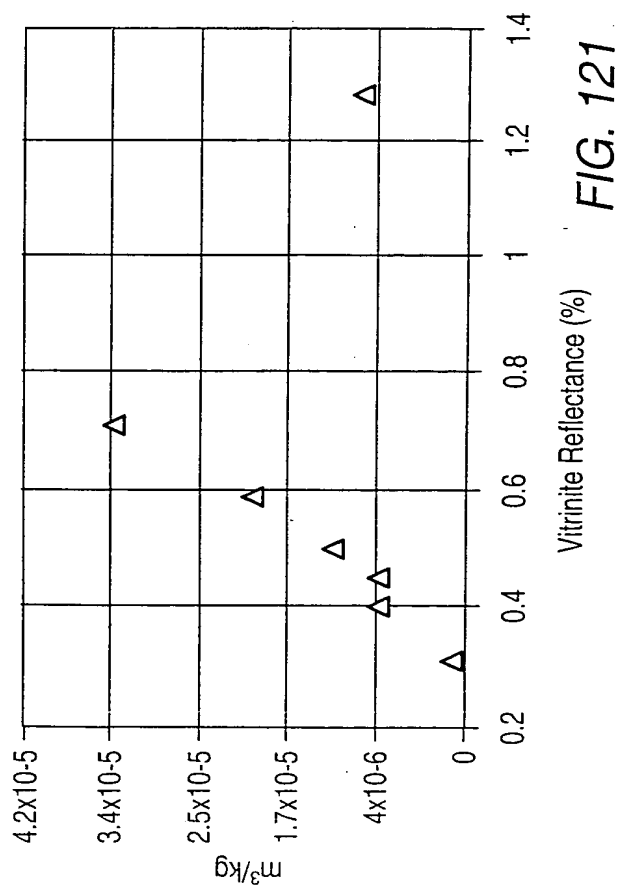


FIG. 120



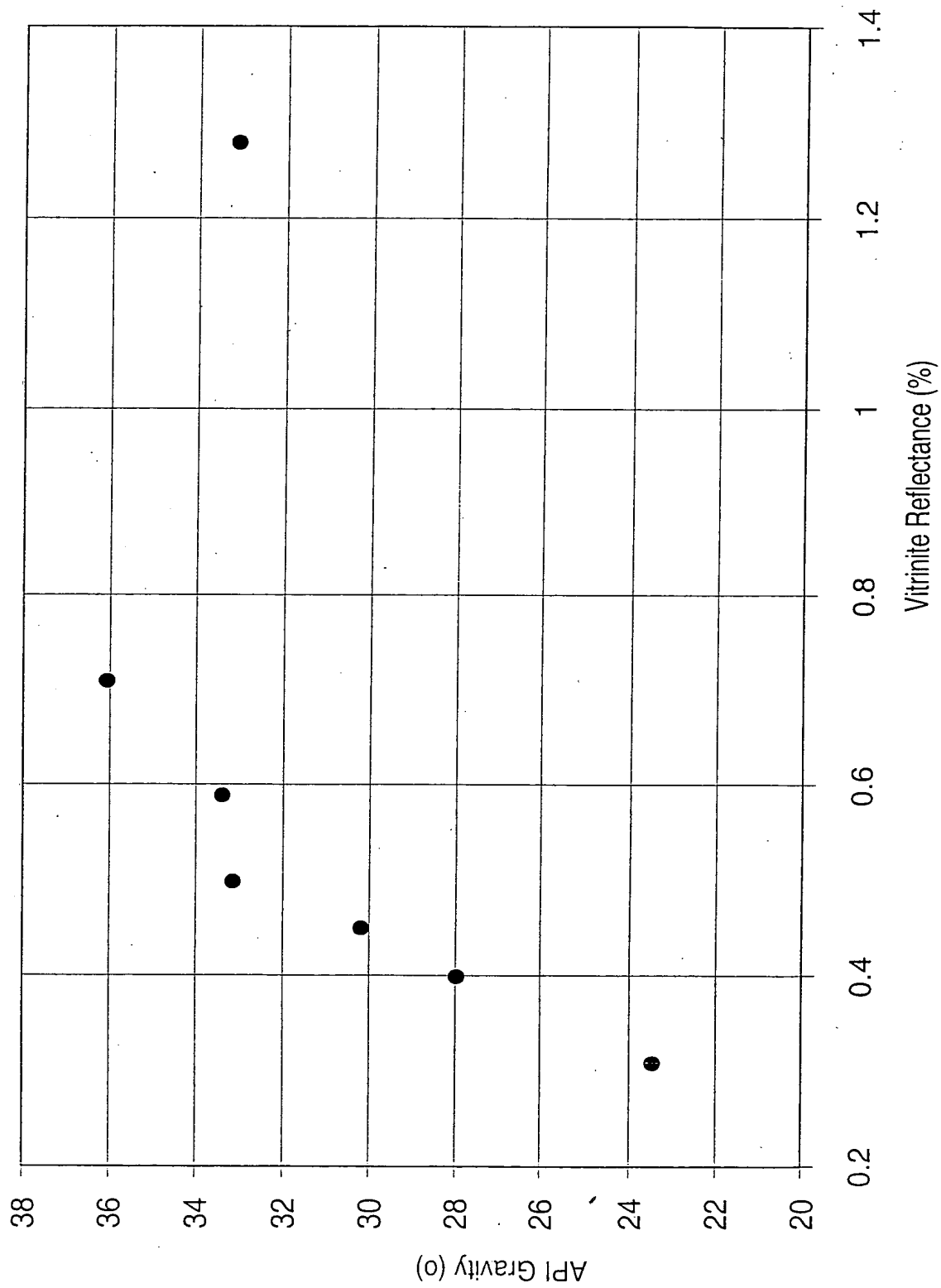
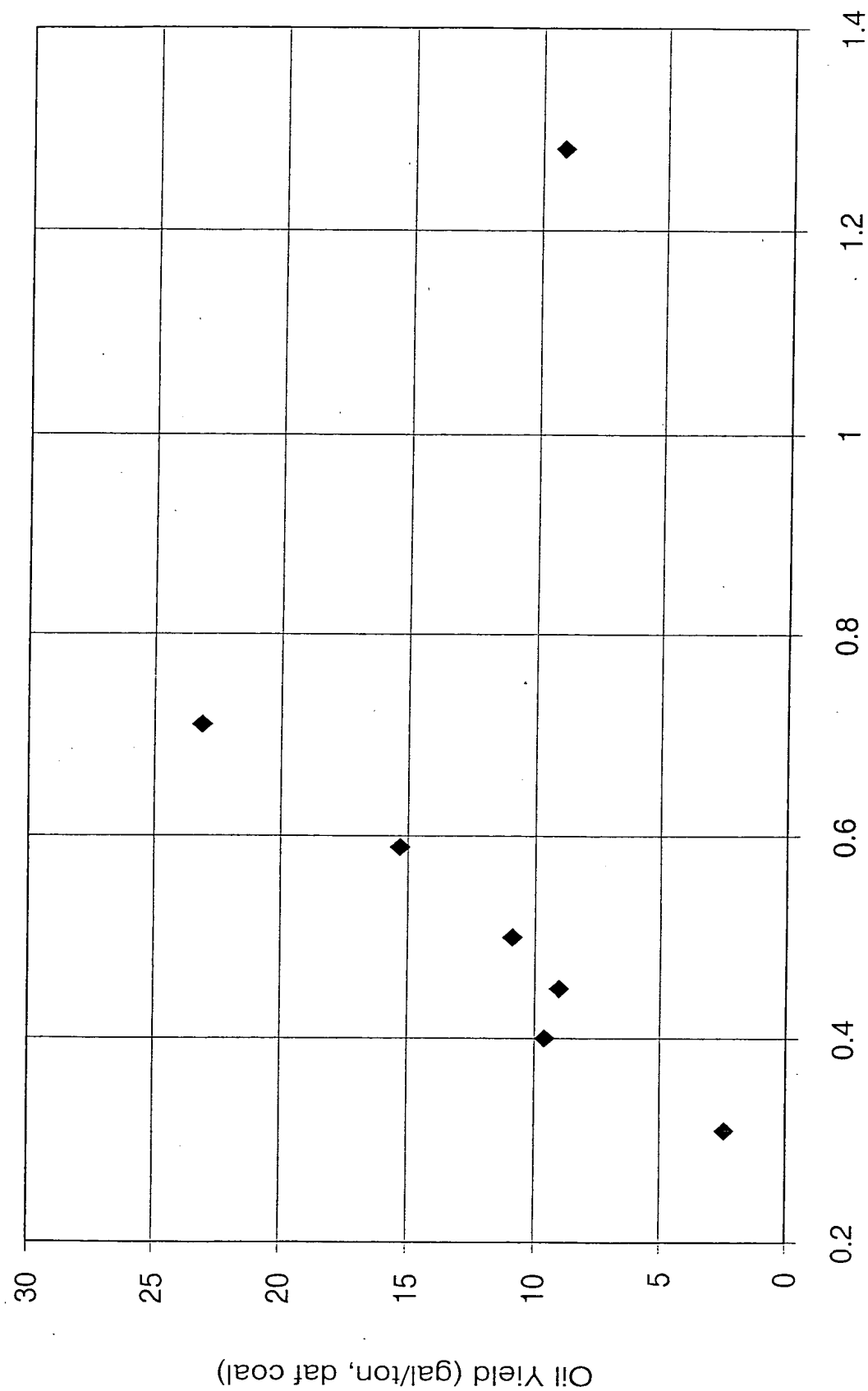


FIG. 125



Vitrinite Reflectance (%)

FIG. 126

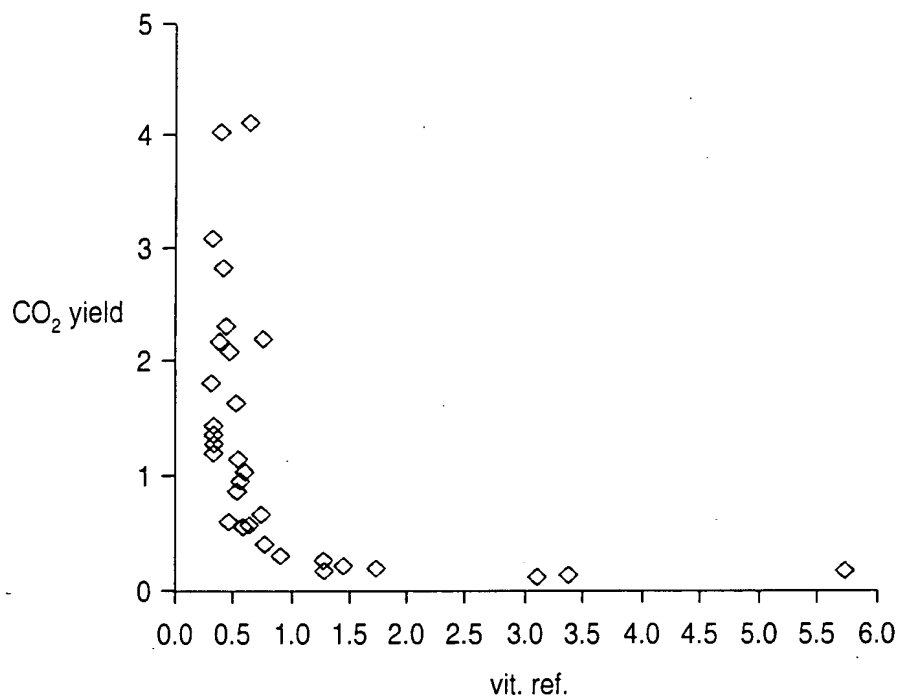


FIG. 127

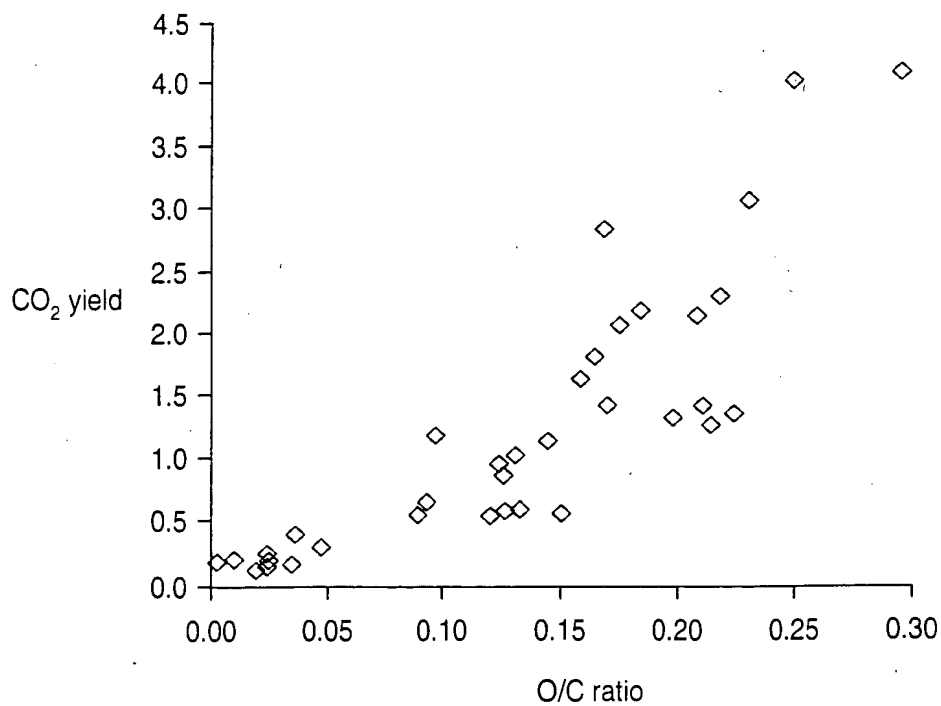


FIG. 128

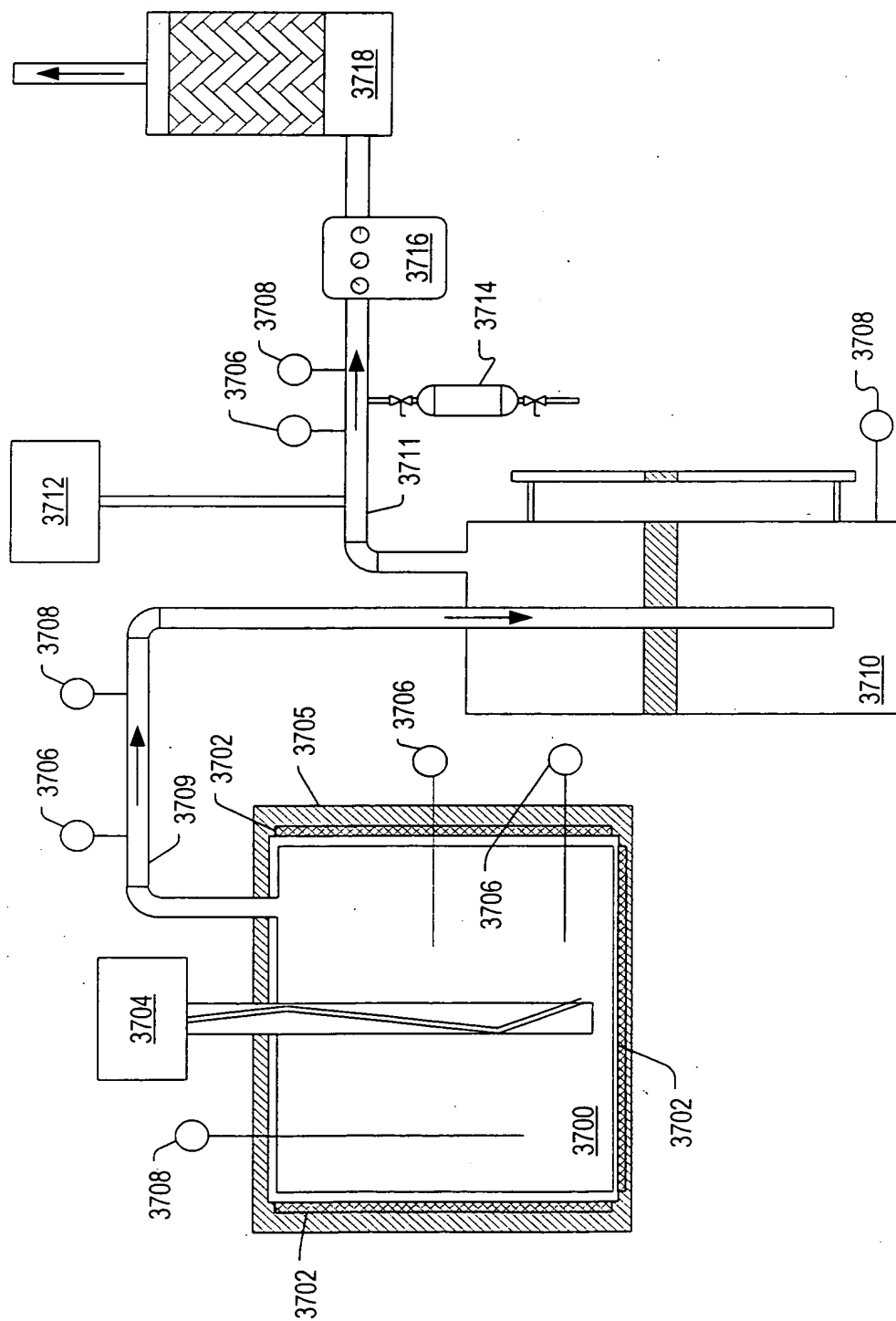


FIG. 129

FOURTH ECHOS

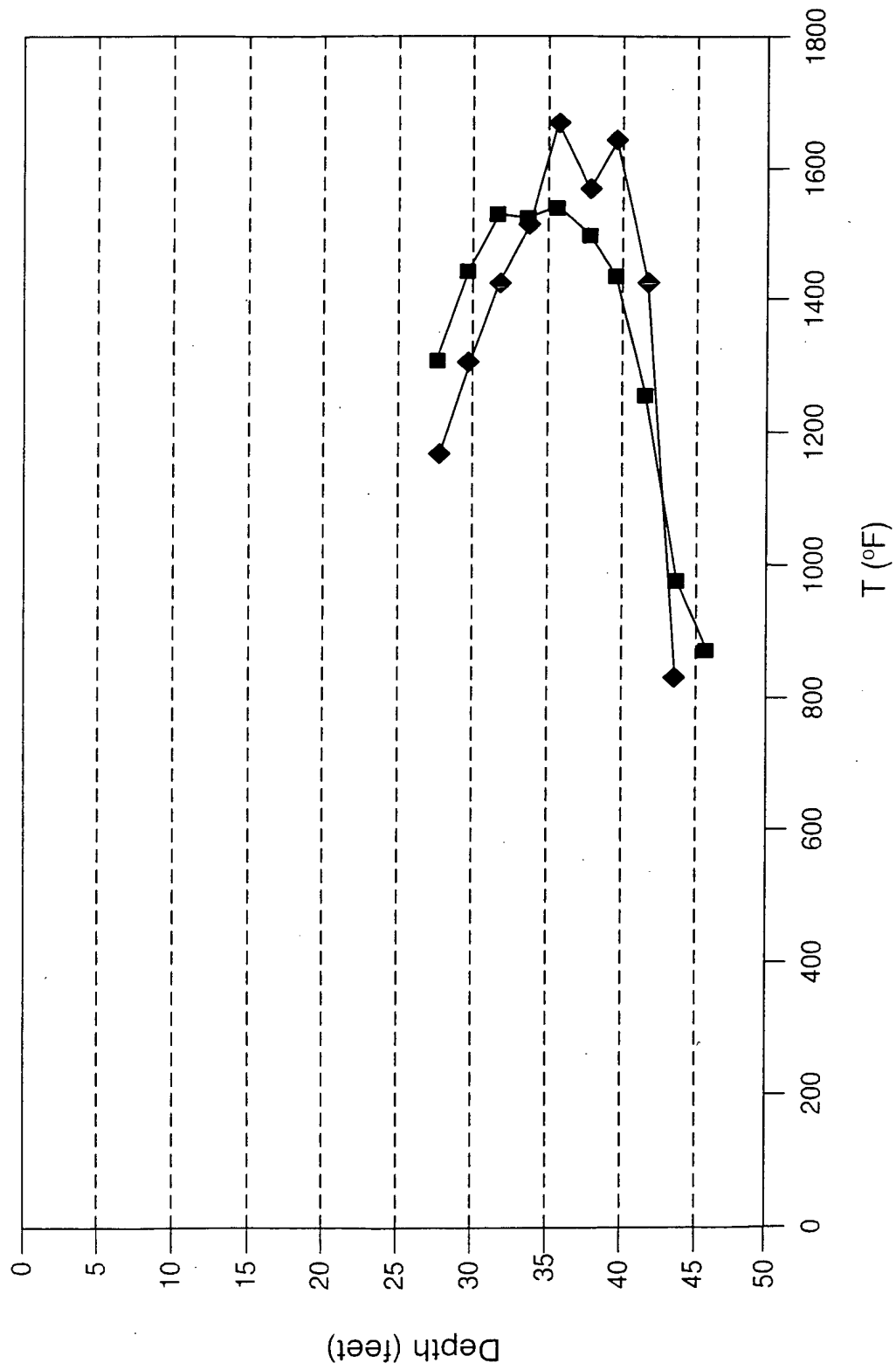


FIG. 130

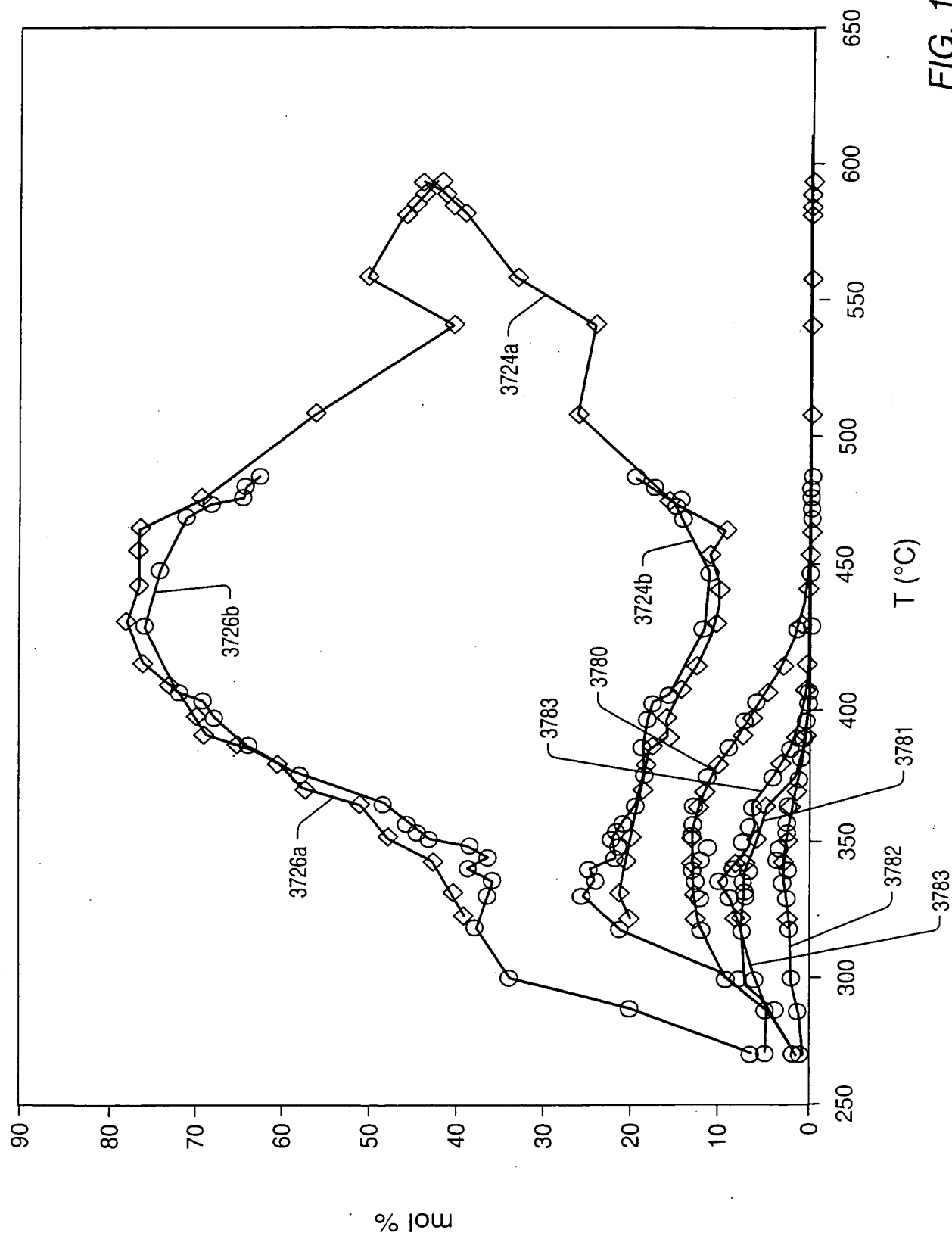


FIG. 131

FIG. 132

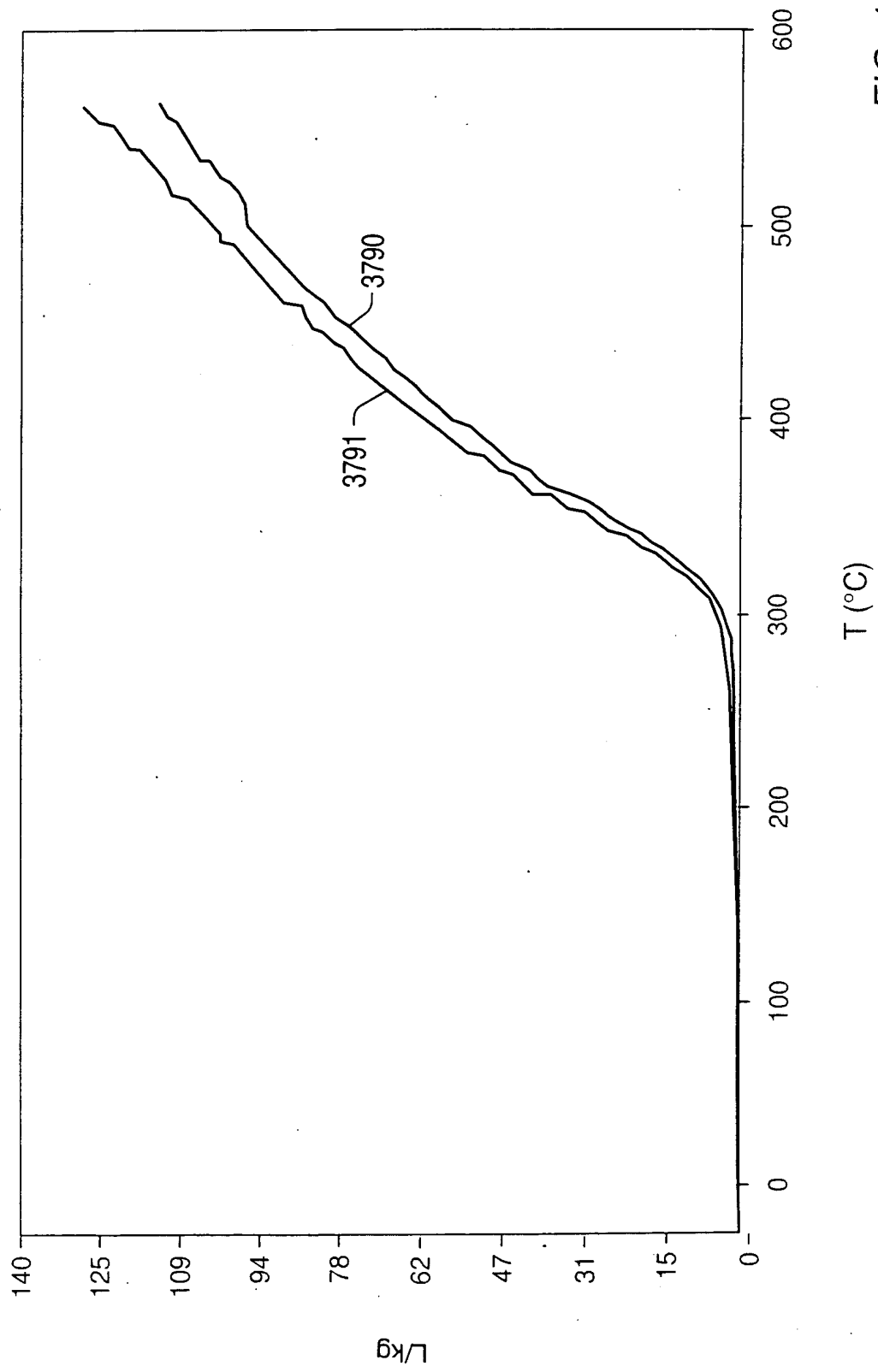


FIG. 132

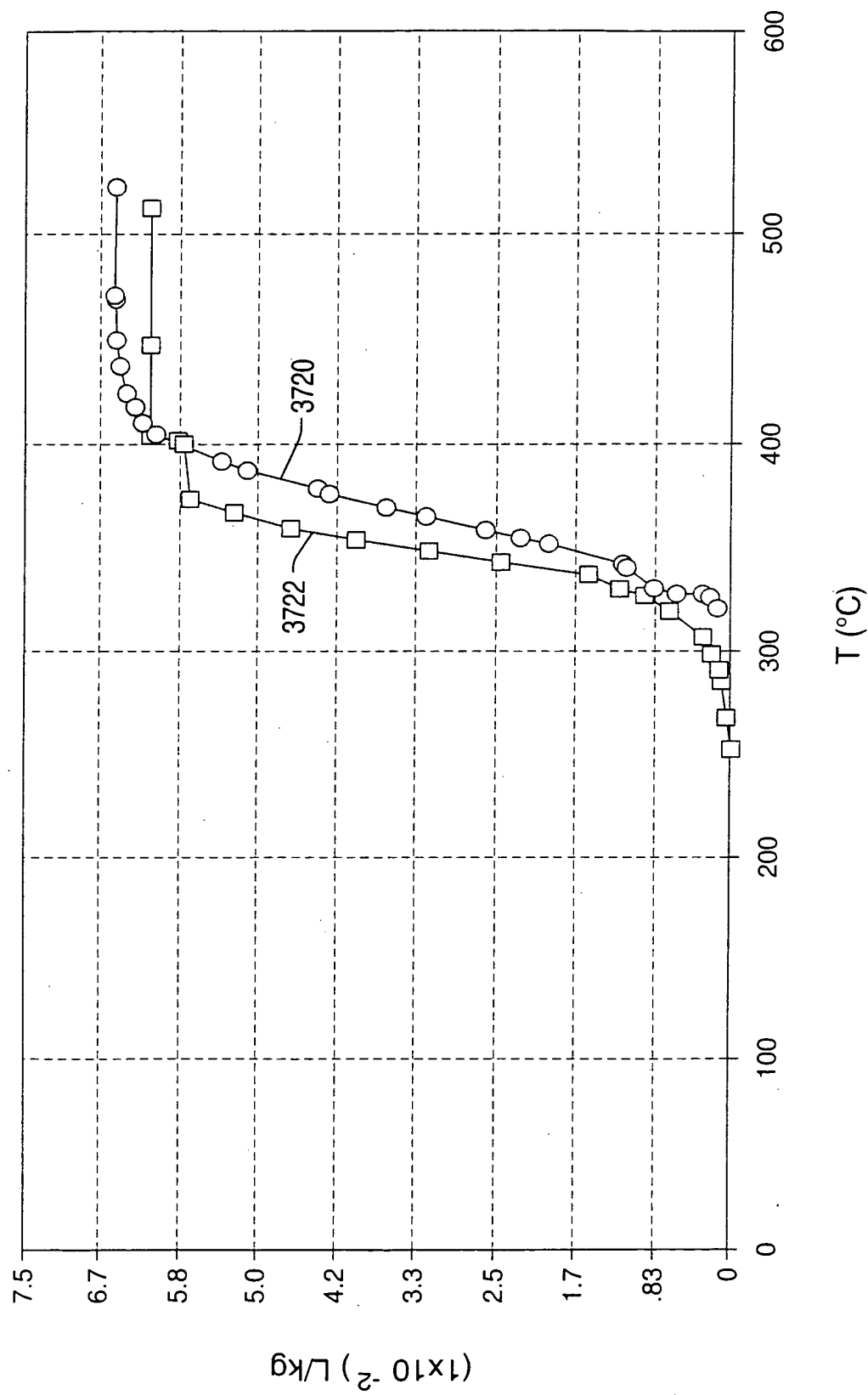


FIG. 133

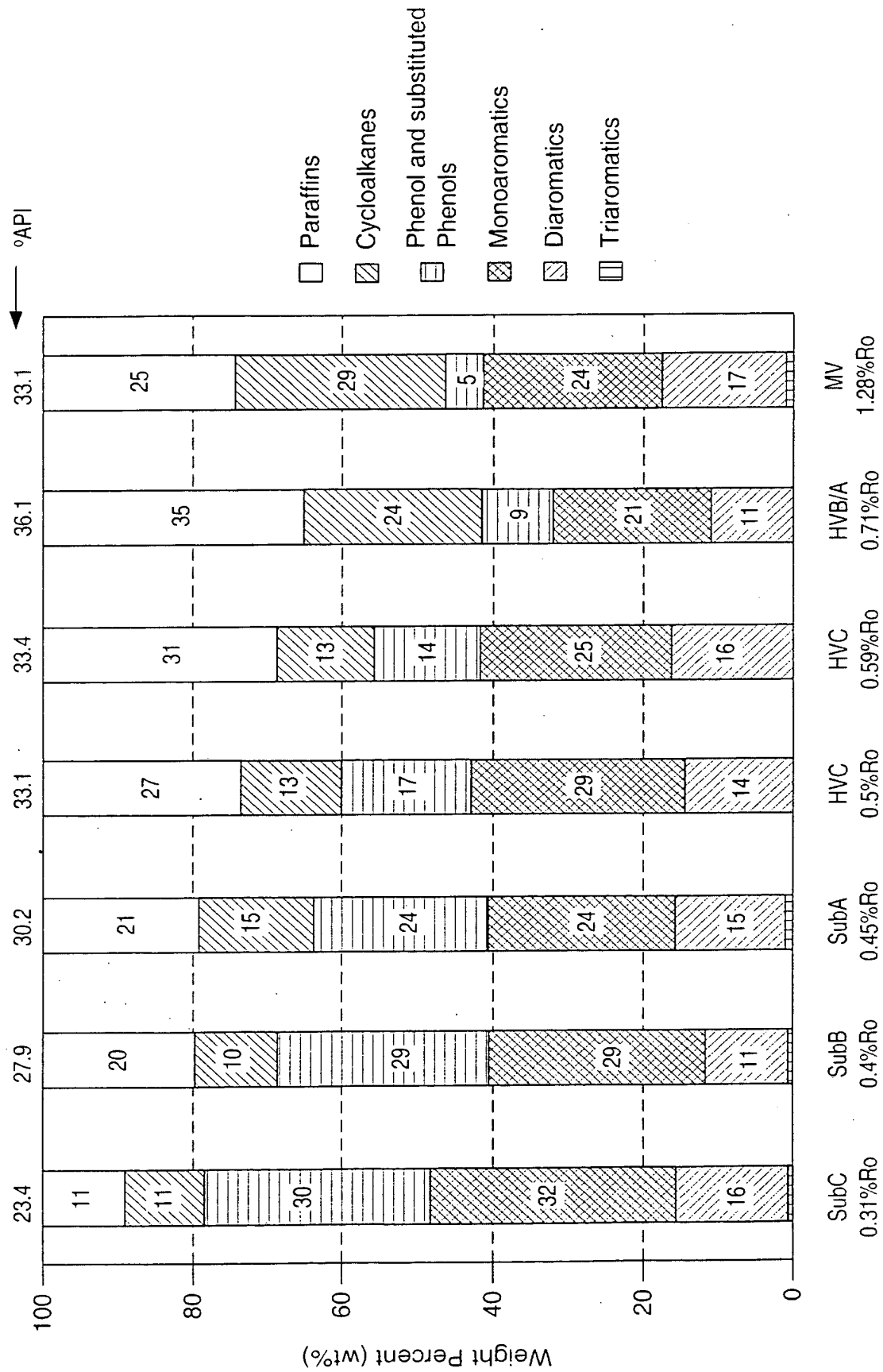


FIG. 134

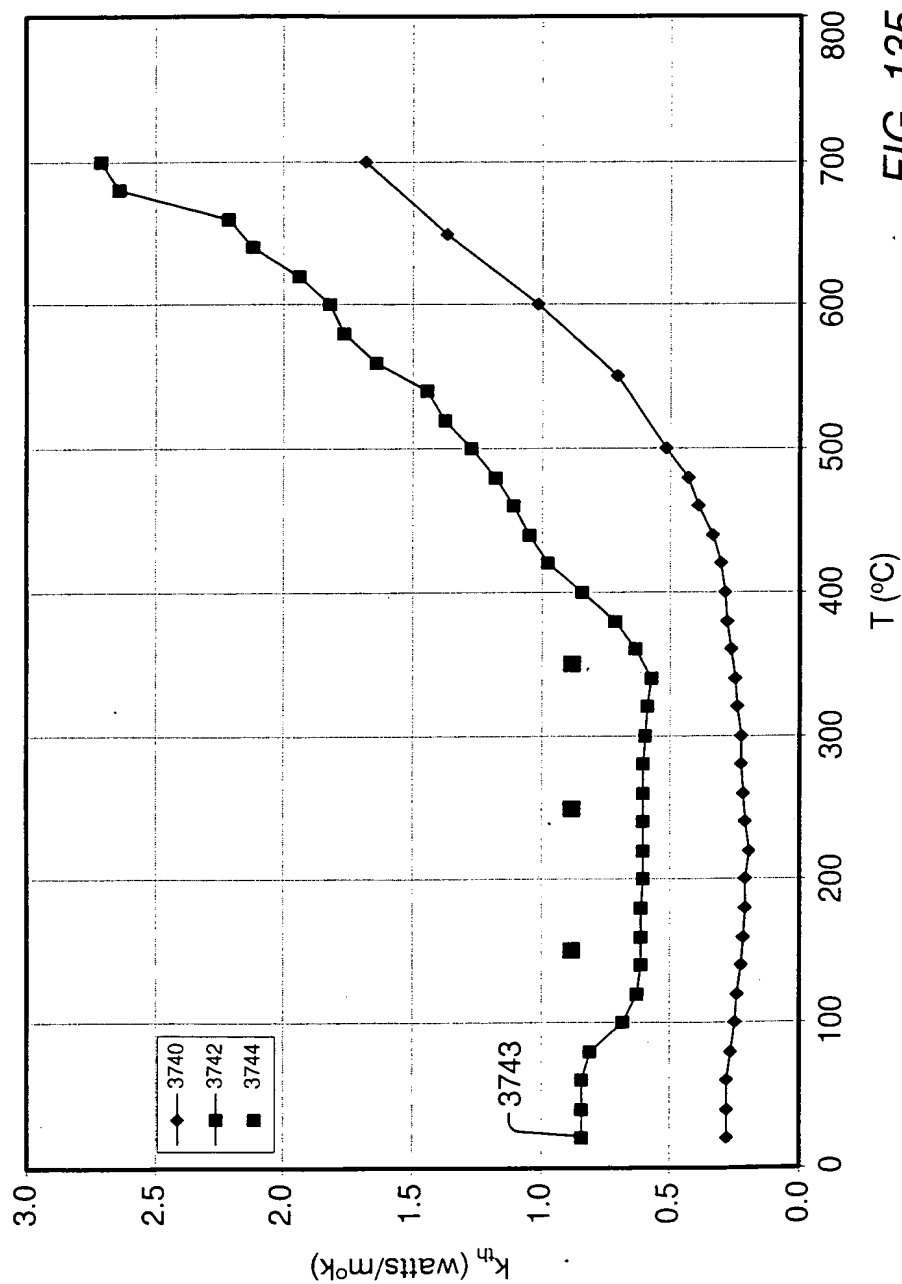


FIG. 135

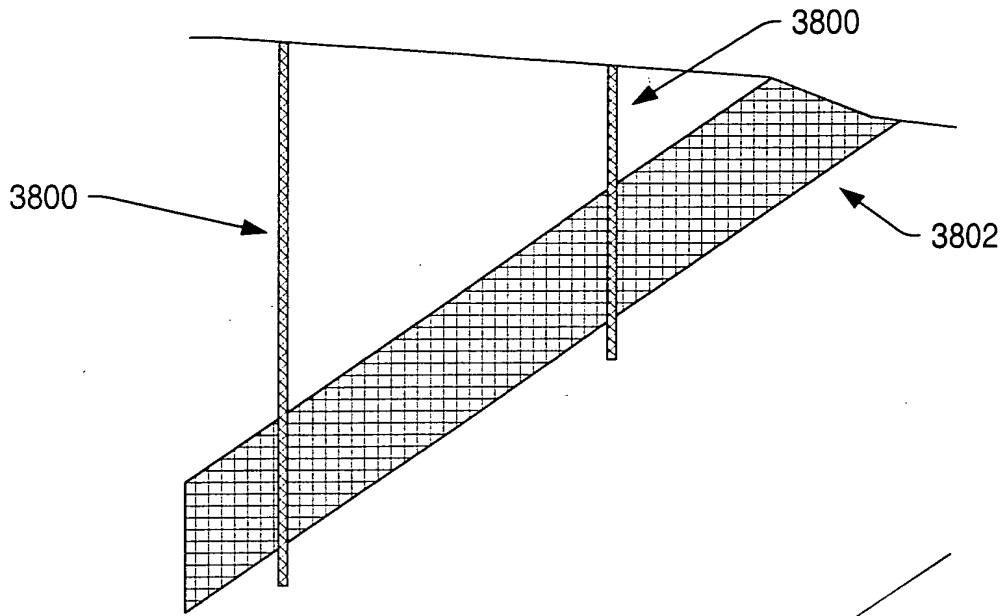


FIG. 136

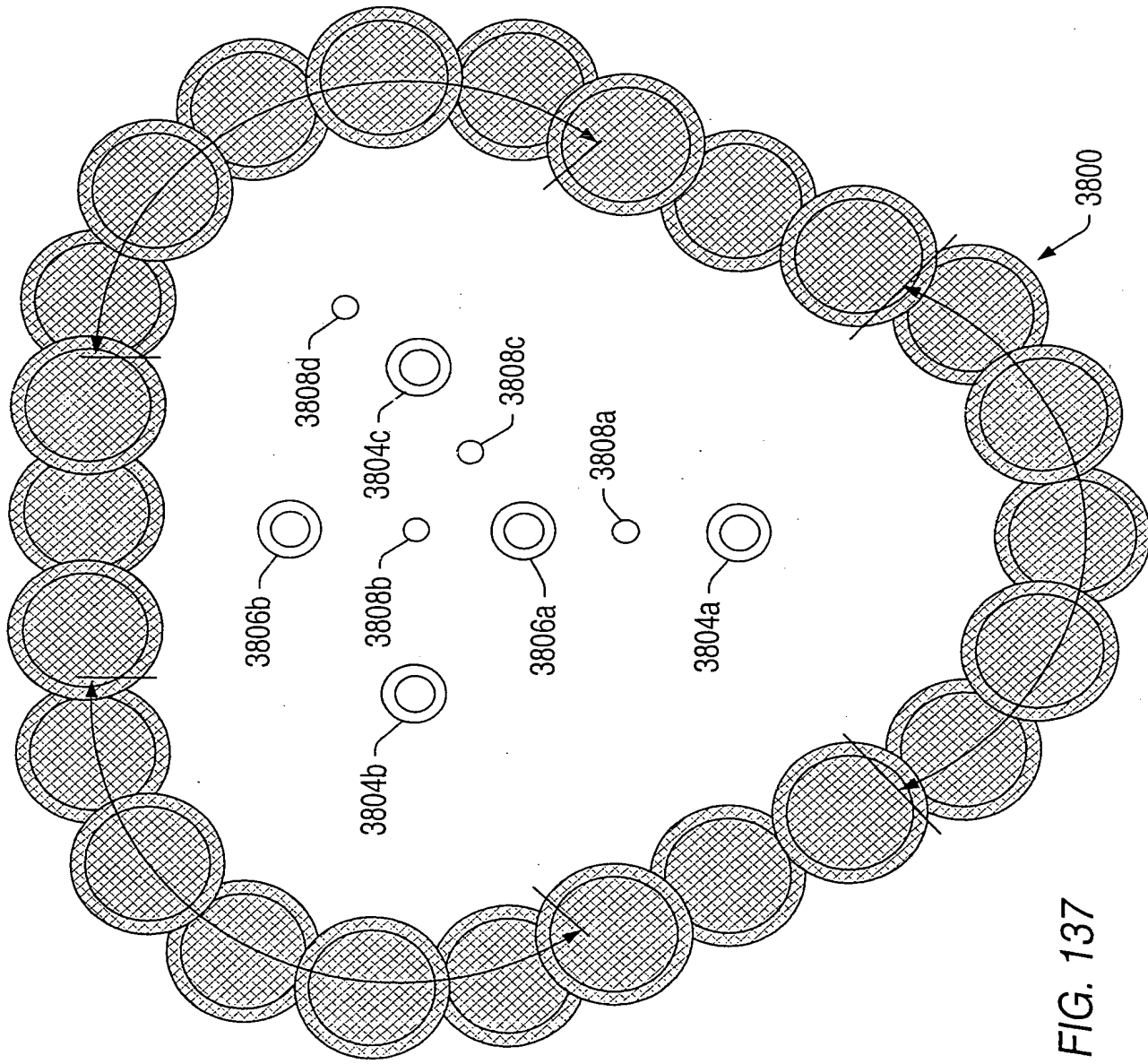


FIG. 137

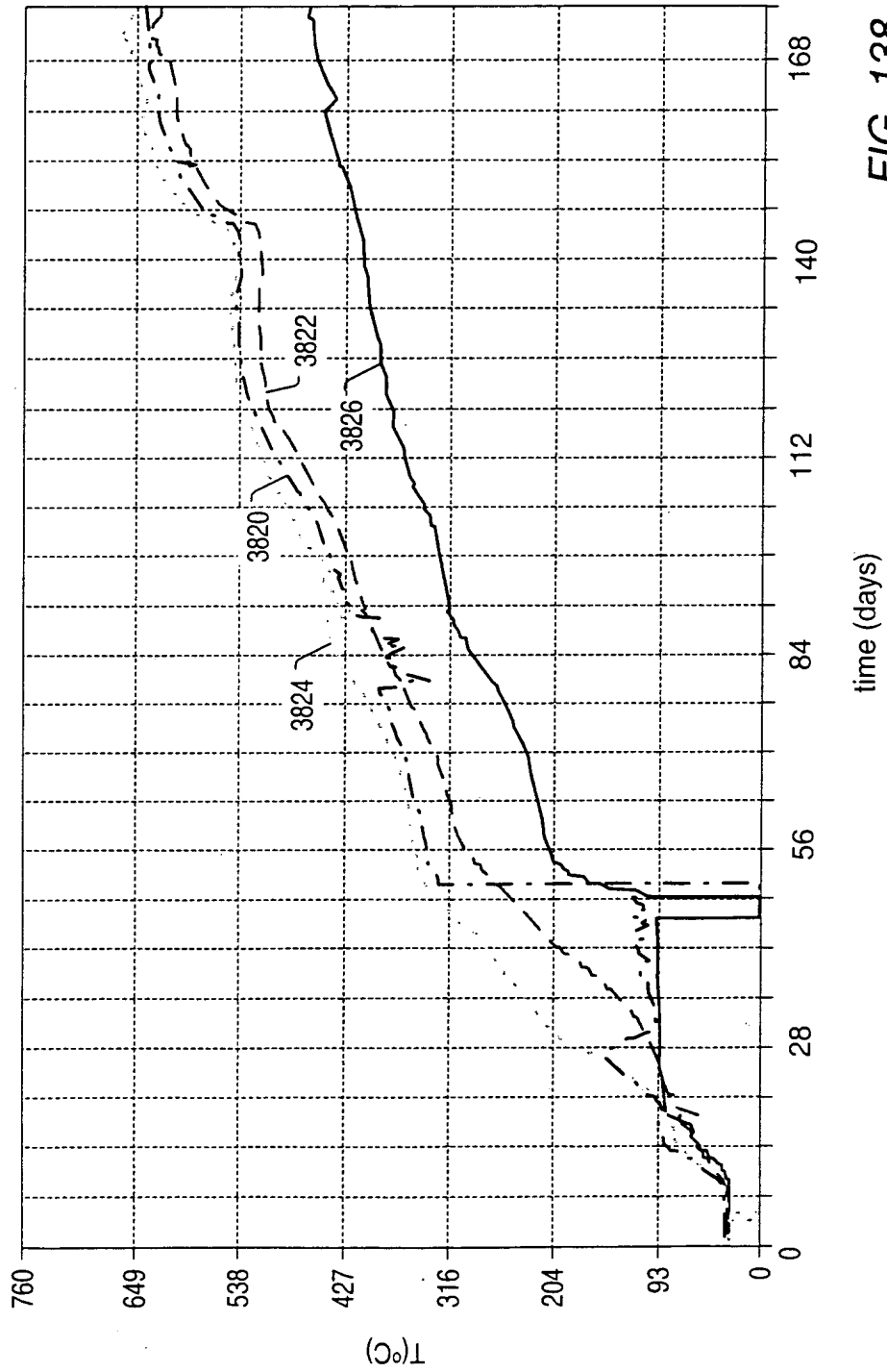


FIG. 138

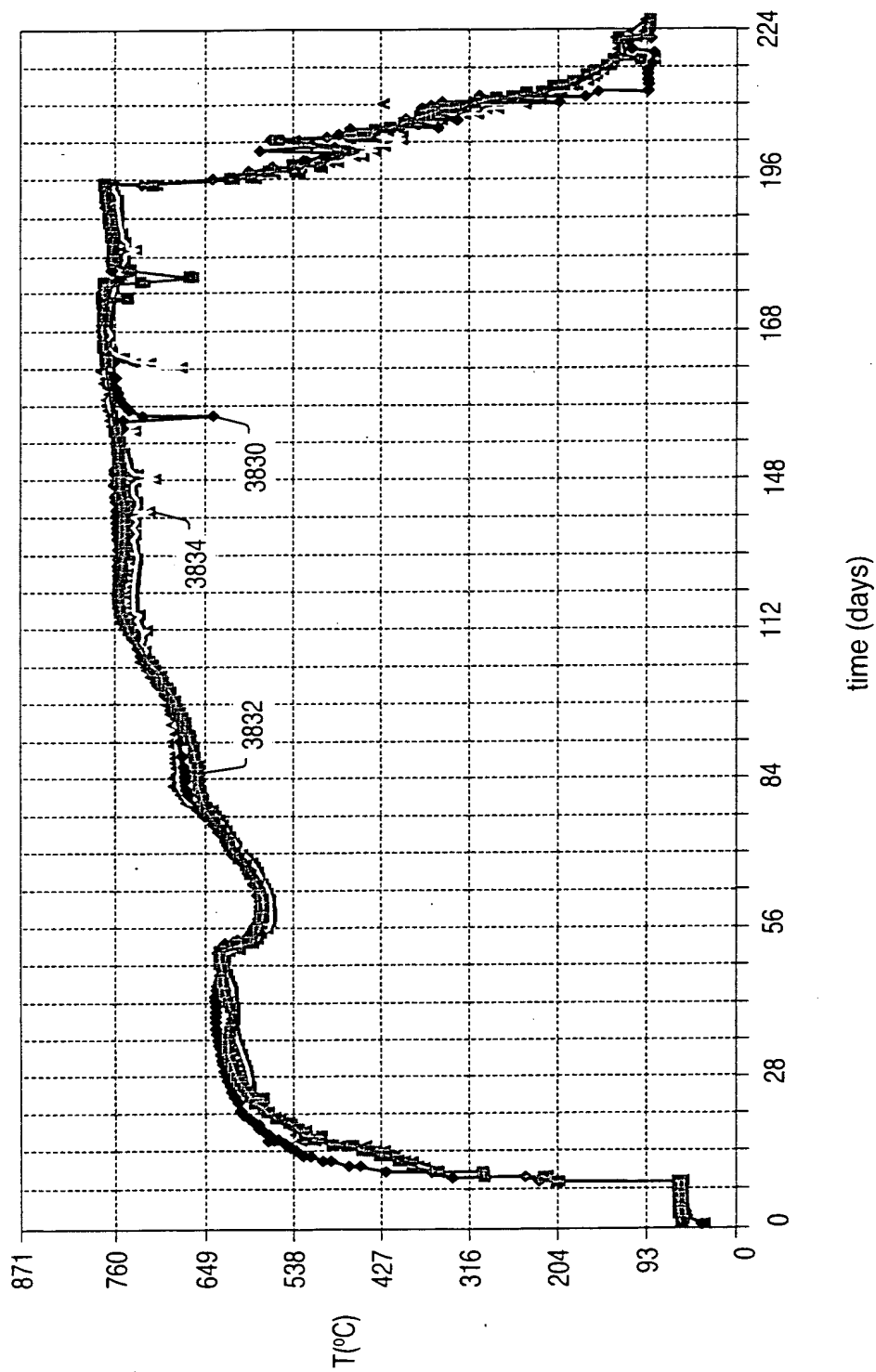


FIG. 139

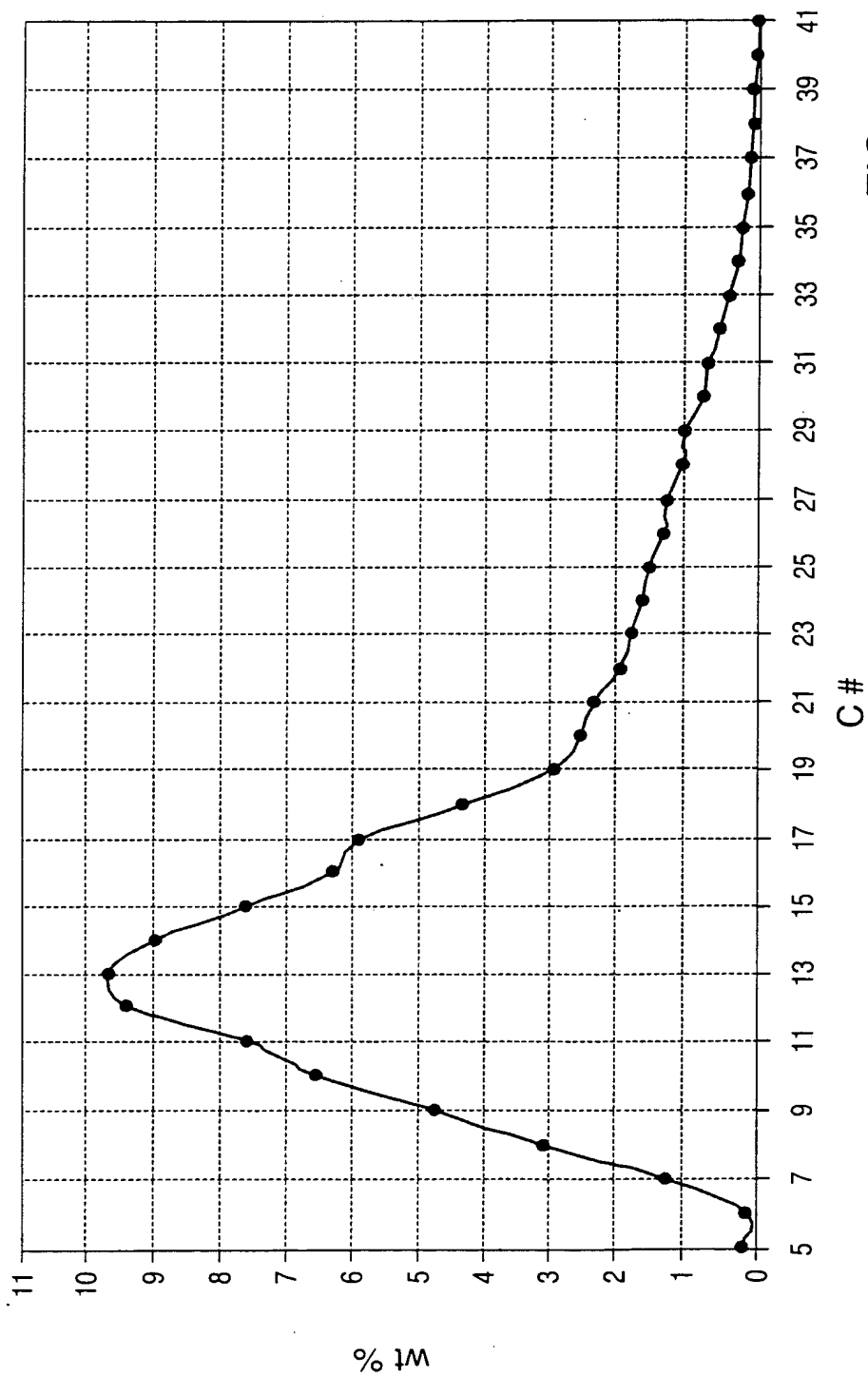


FIG. 141

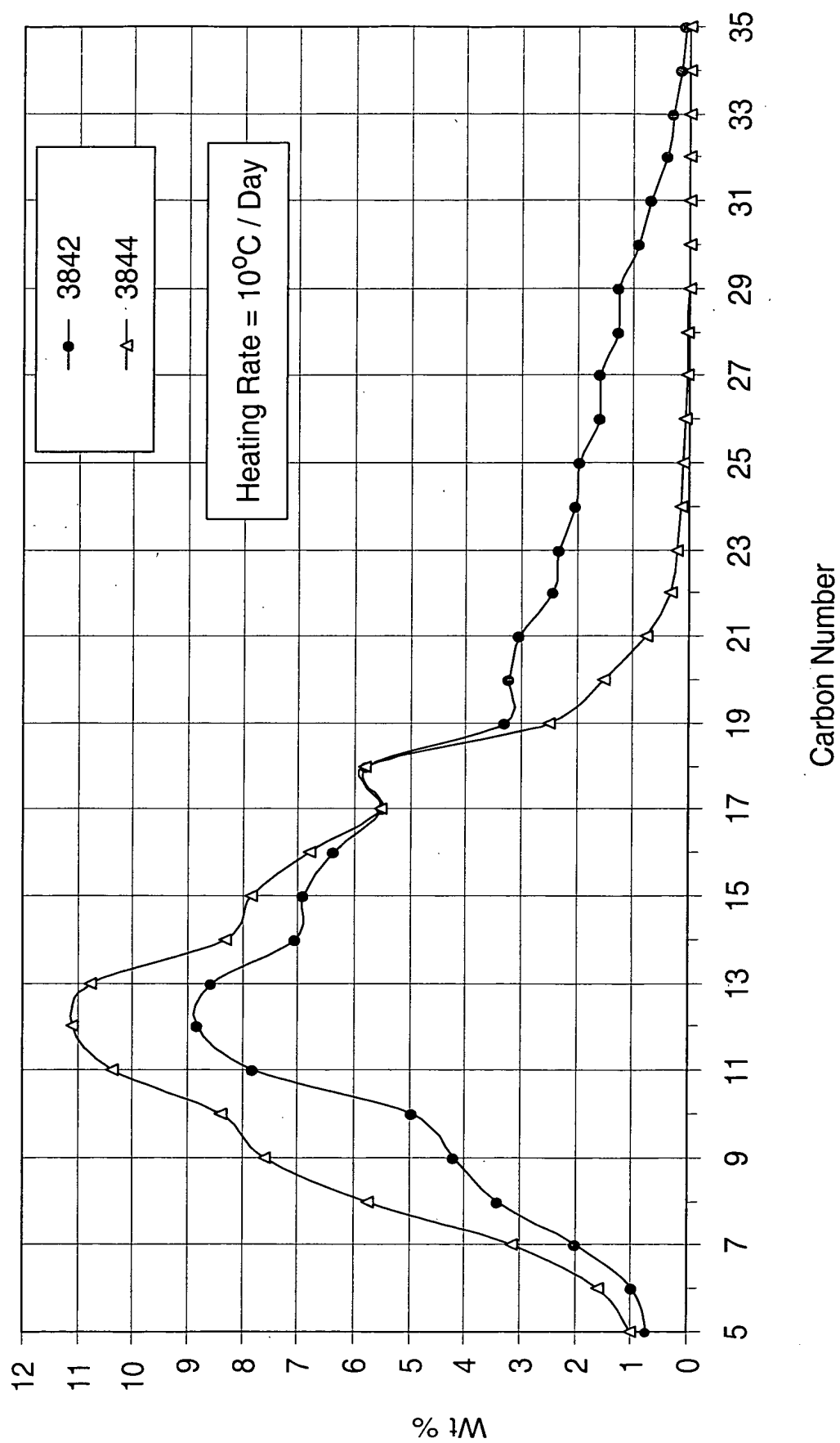


FIG. 142

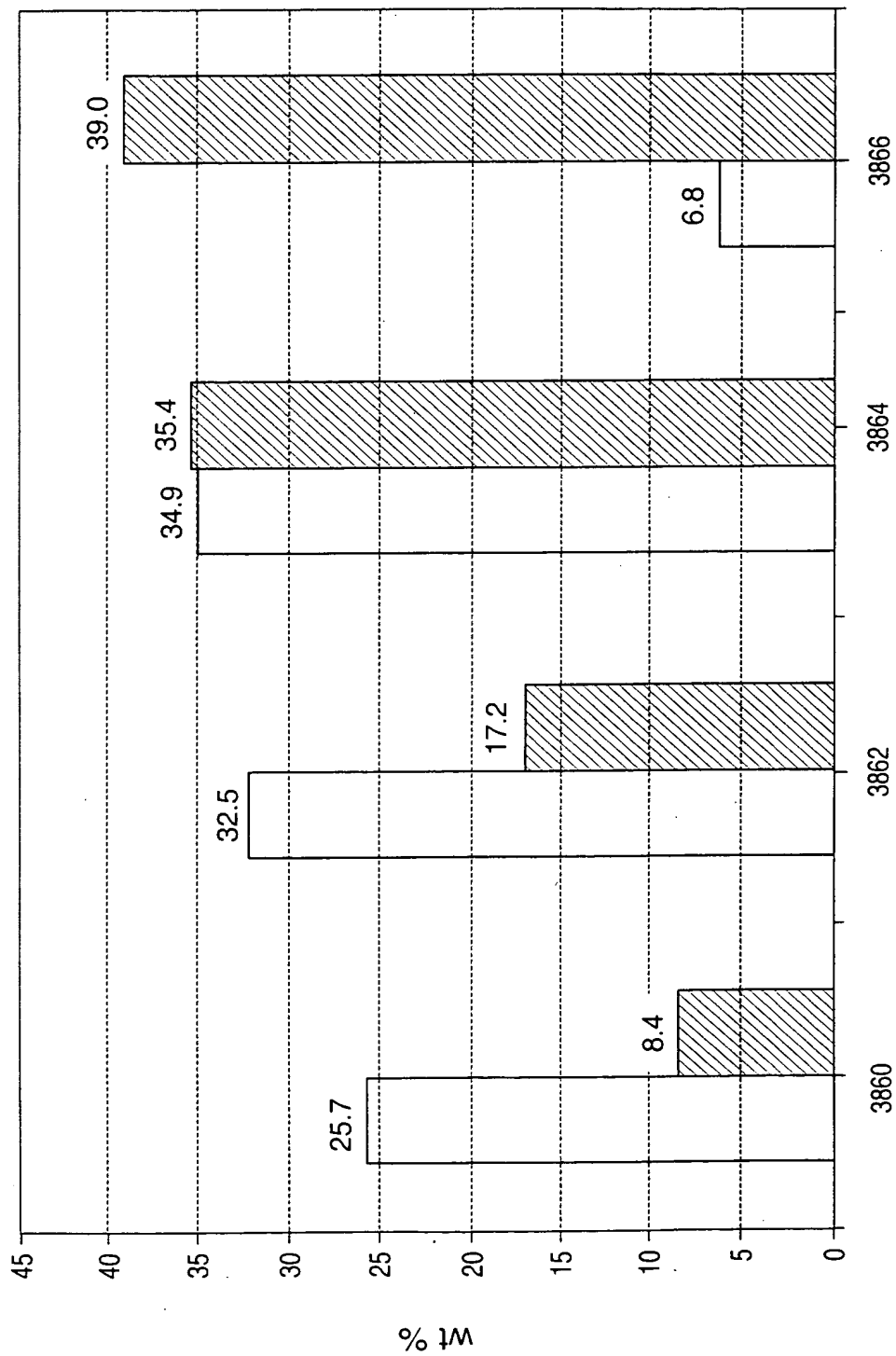


FIG. 143

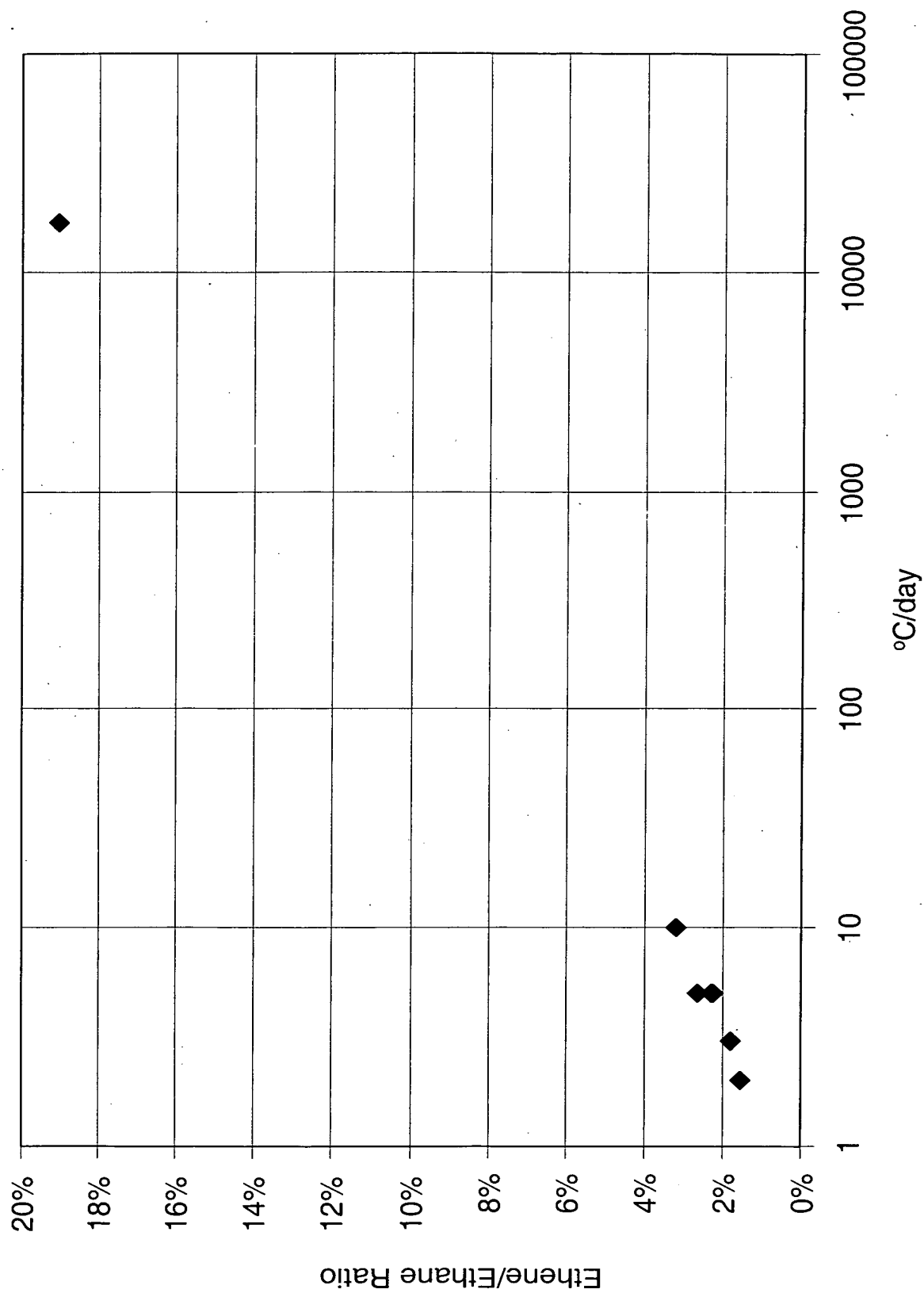


FIG. 144

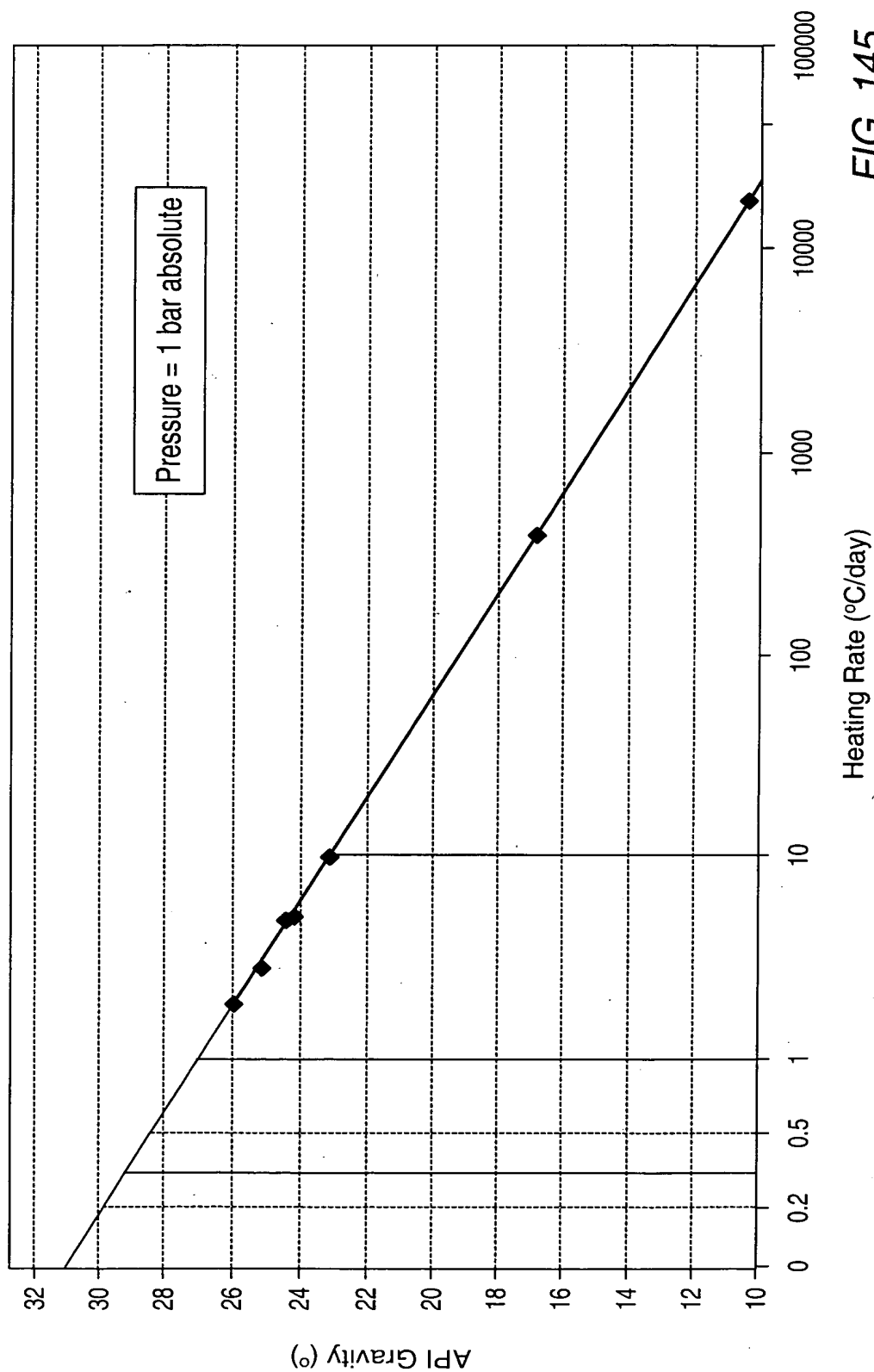


FIG. 145

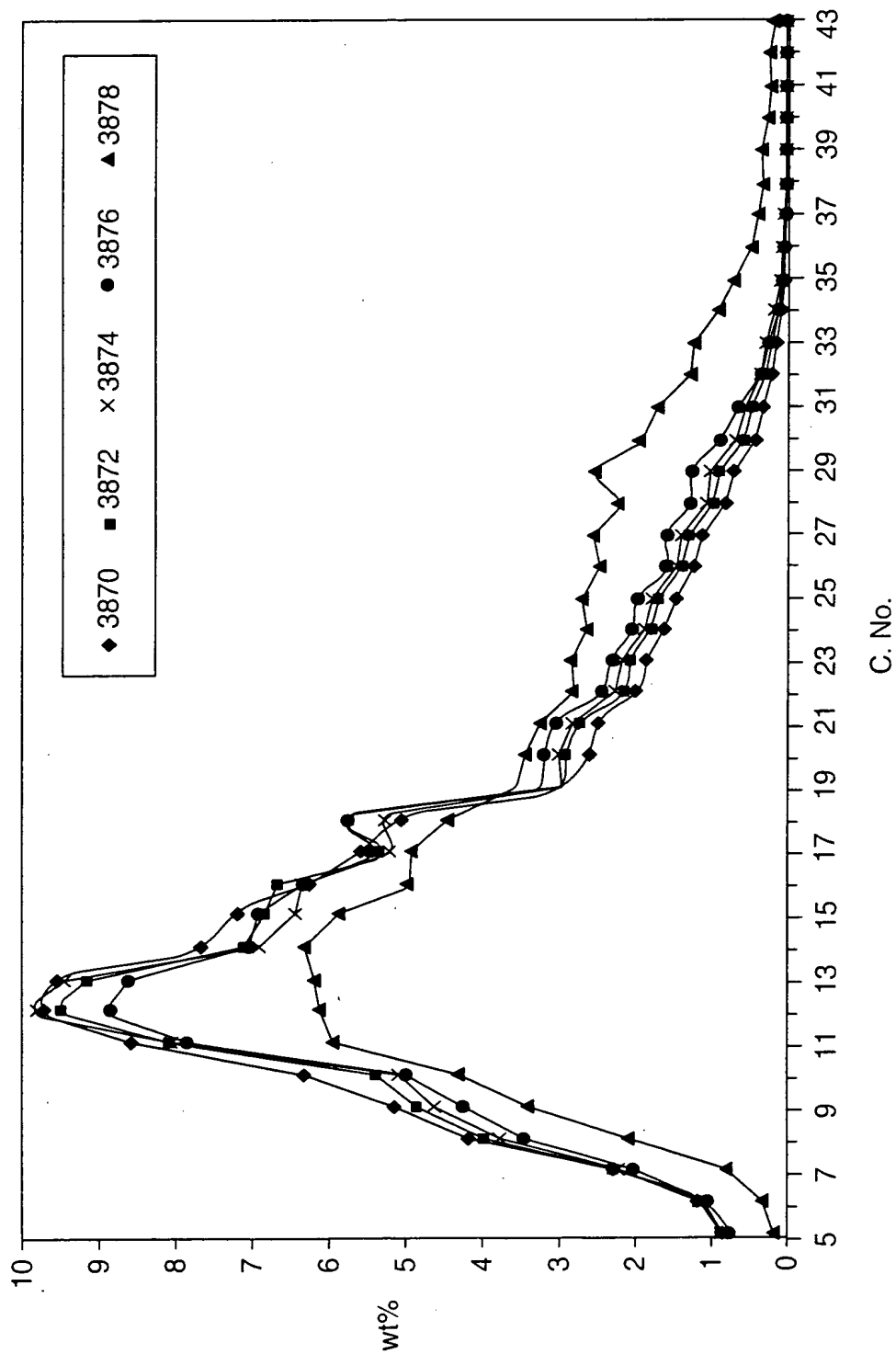


FIG. 146

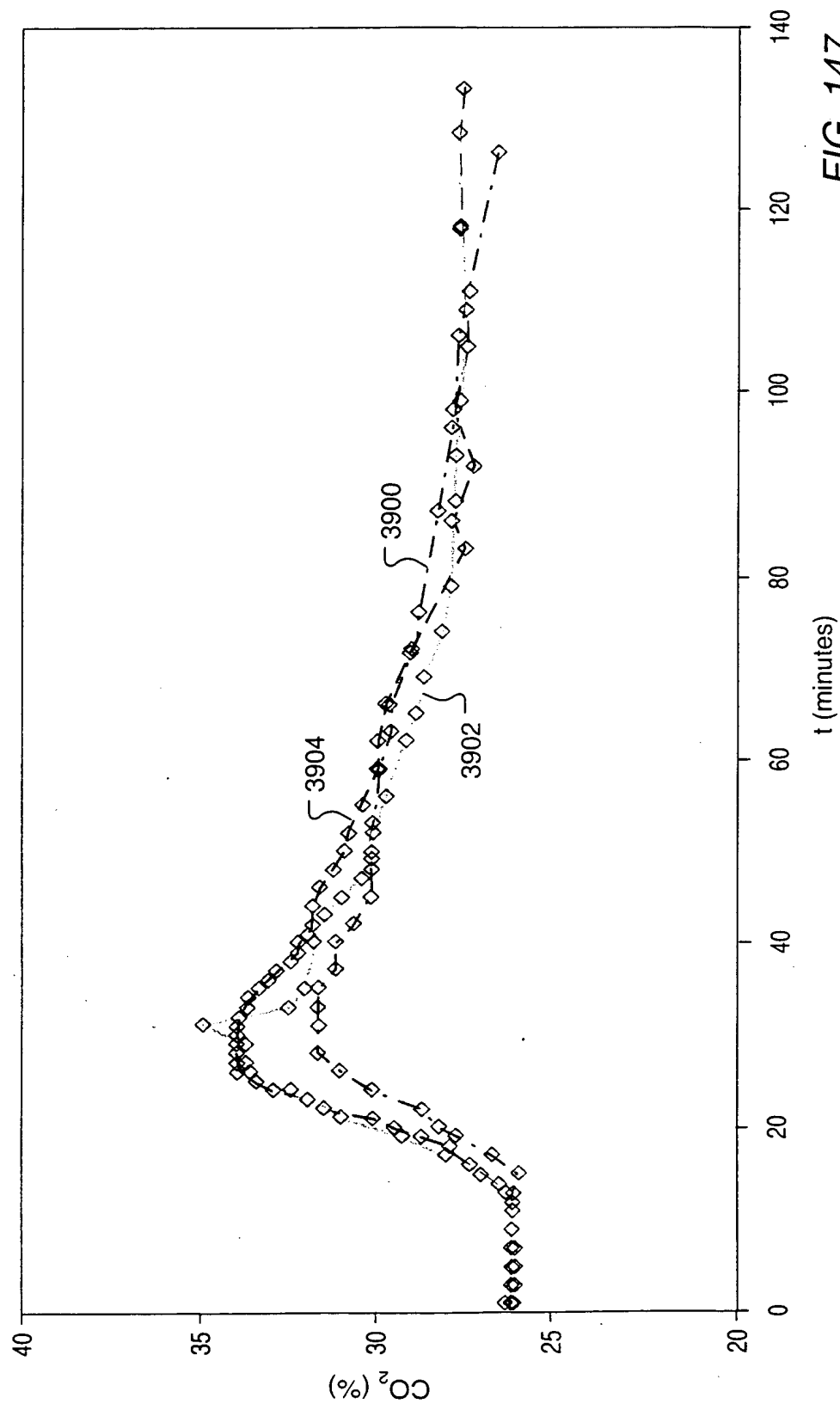


FIG. 147

FIG. 148

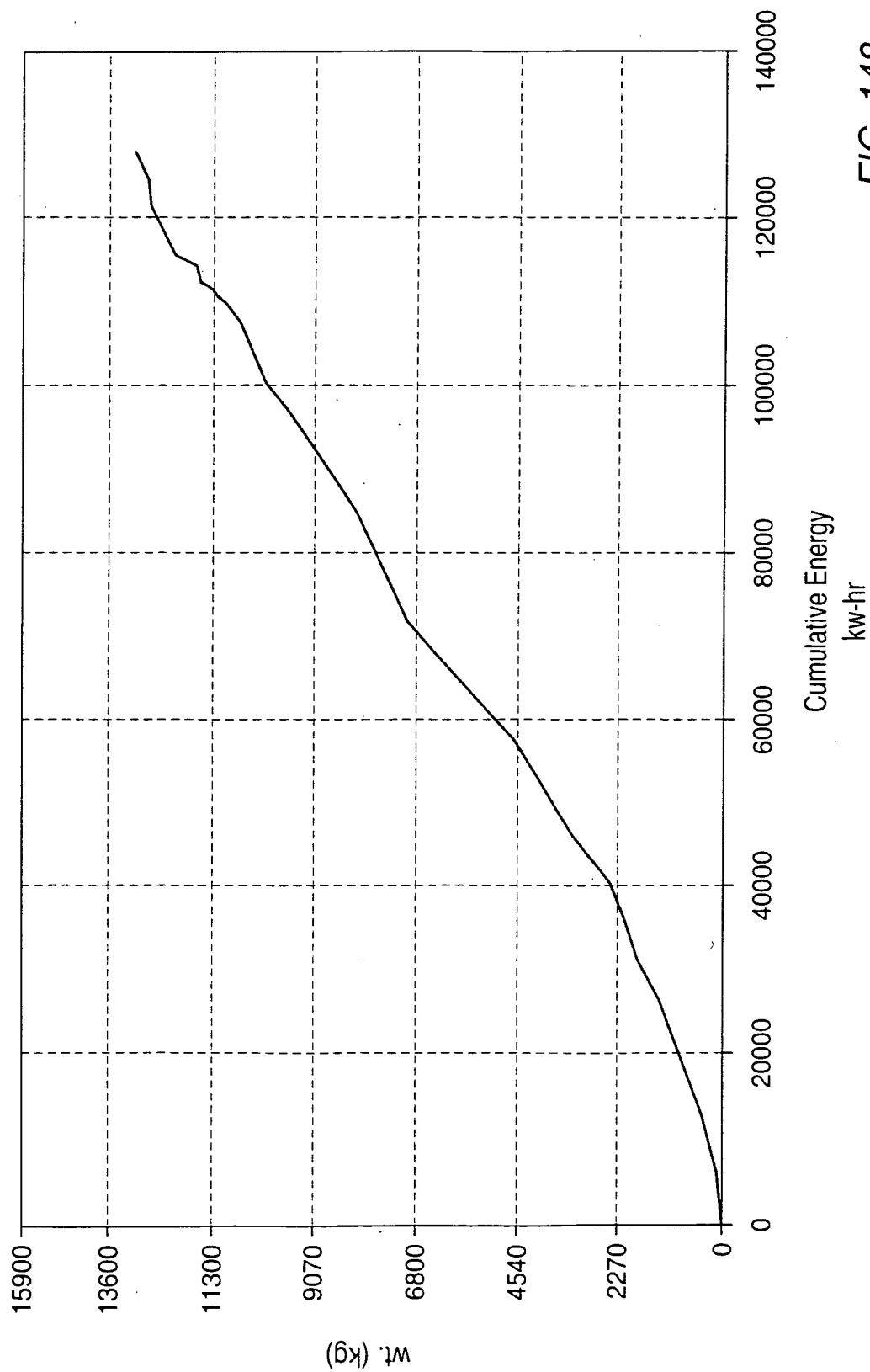


FIG. 148

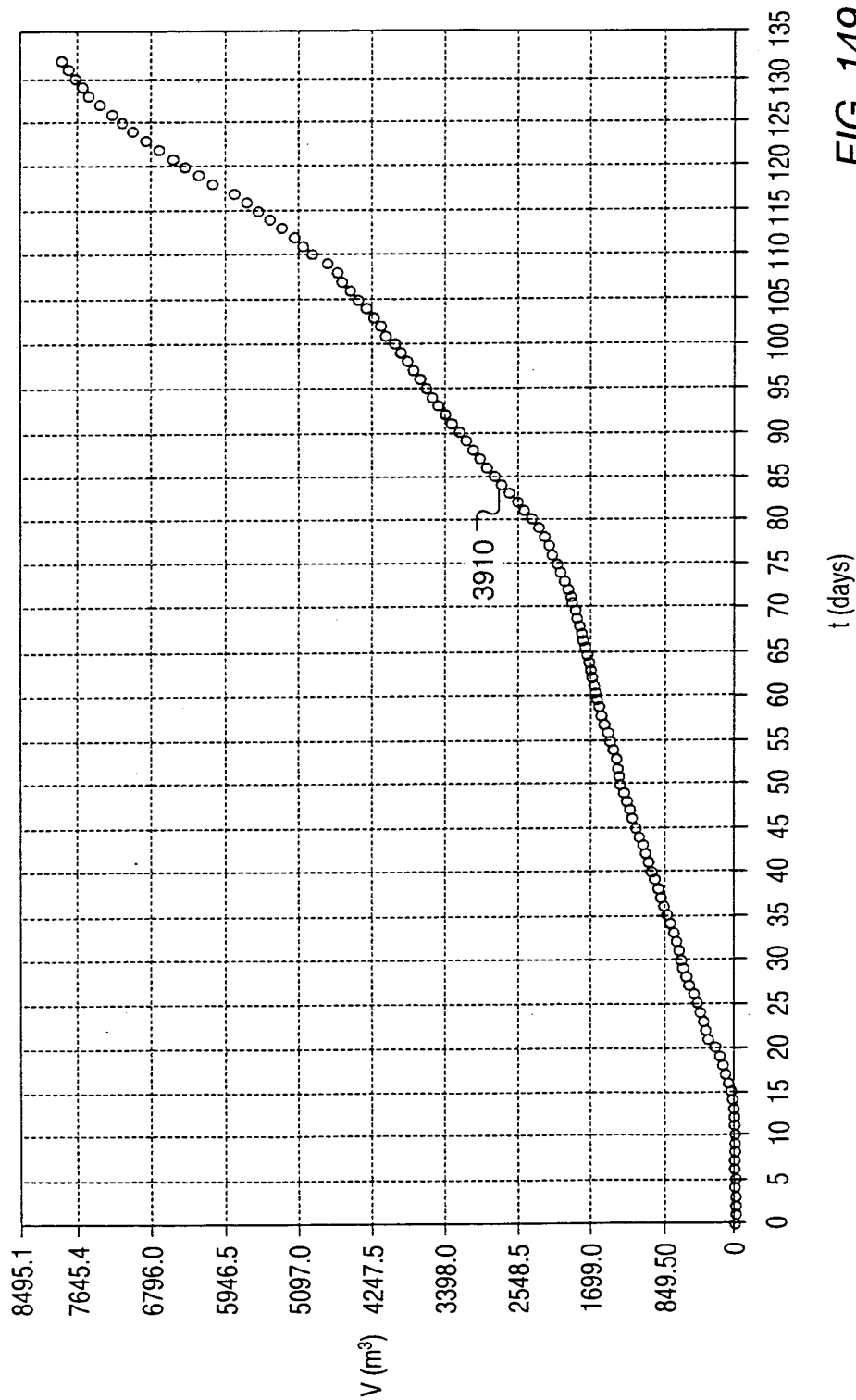


FIG. 149

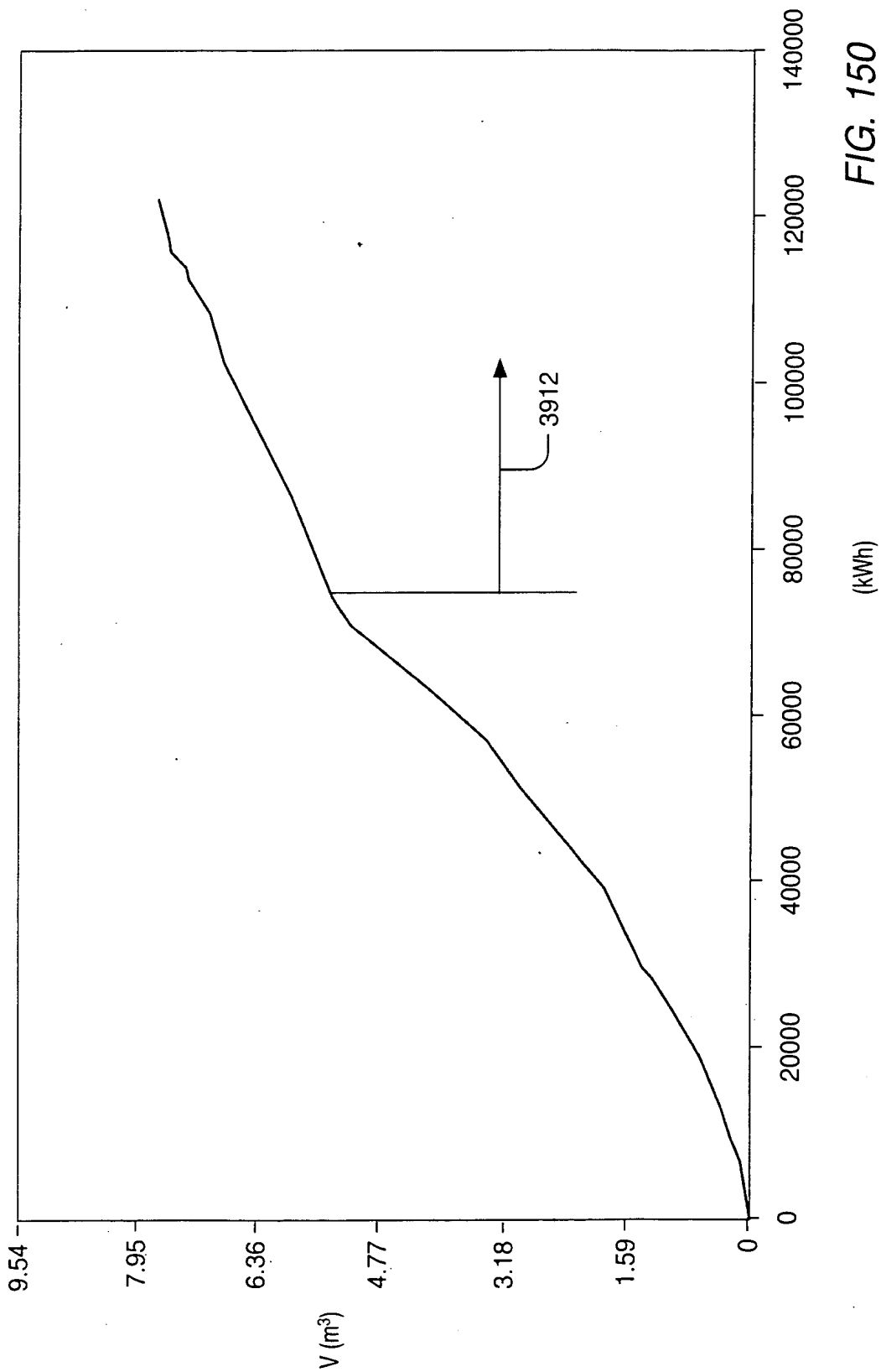


FIG. 150

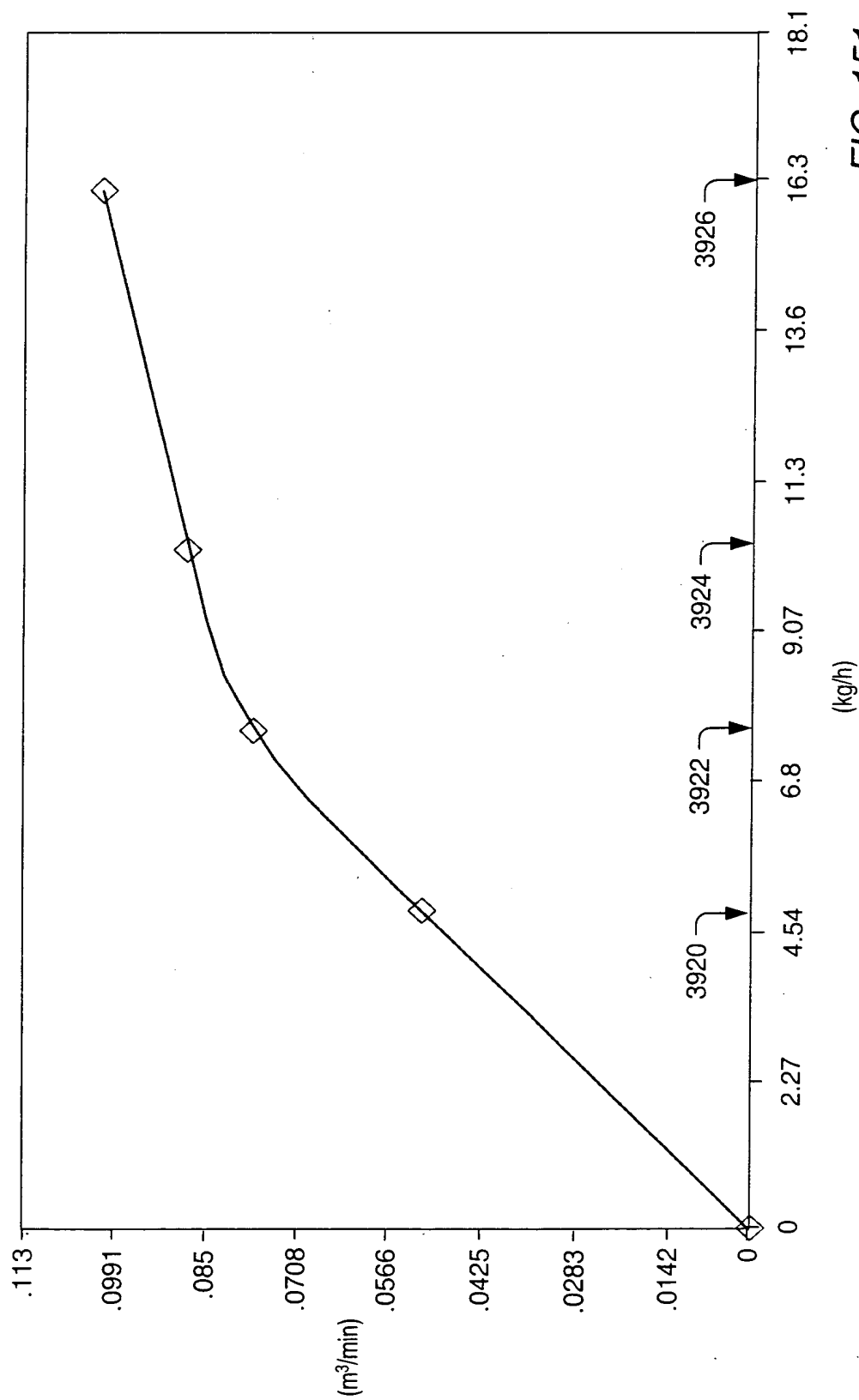


FIG. 151

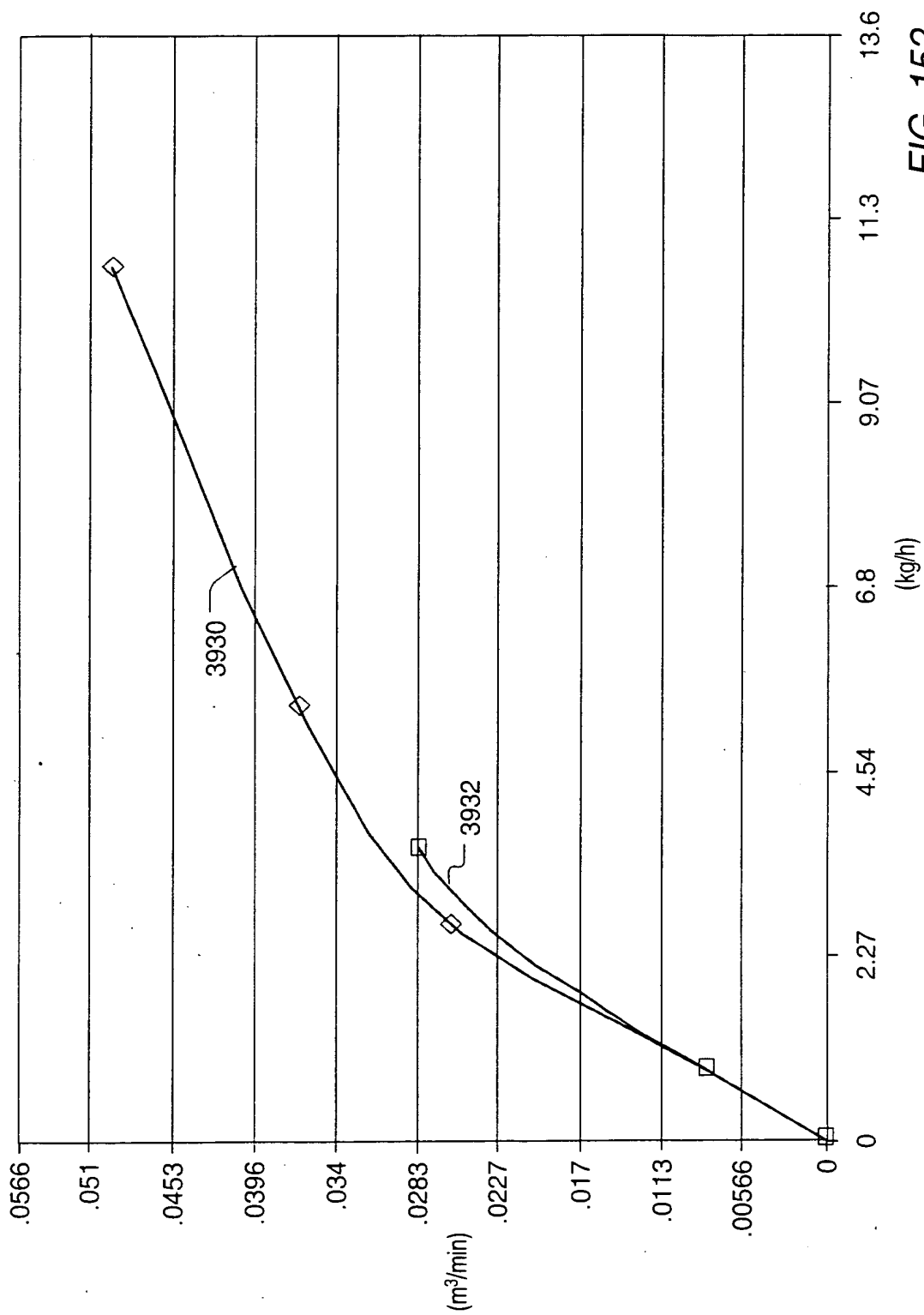


FIG. 152

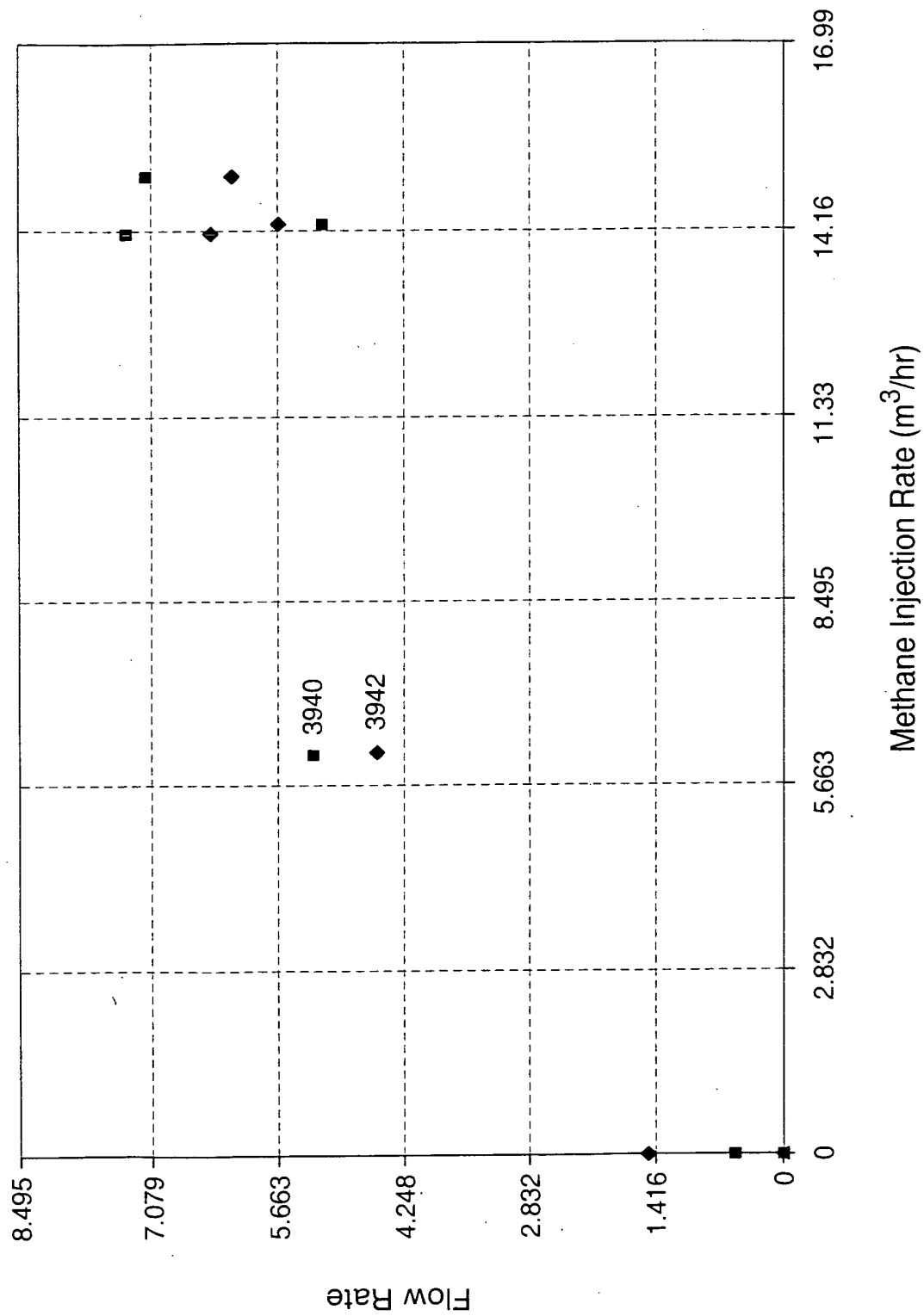


FIG. 153

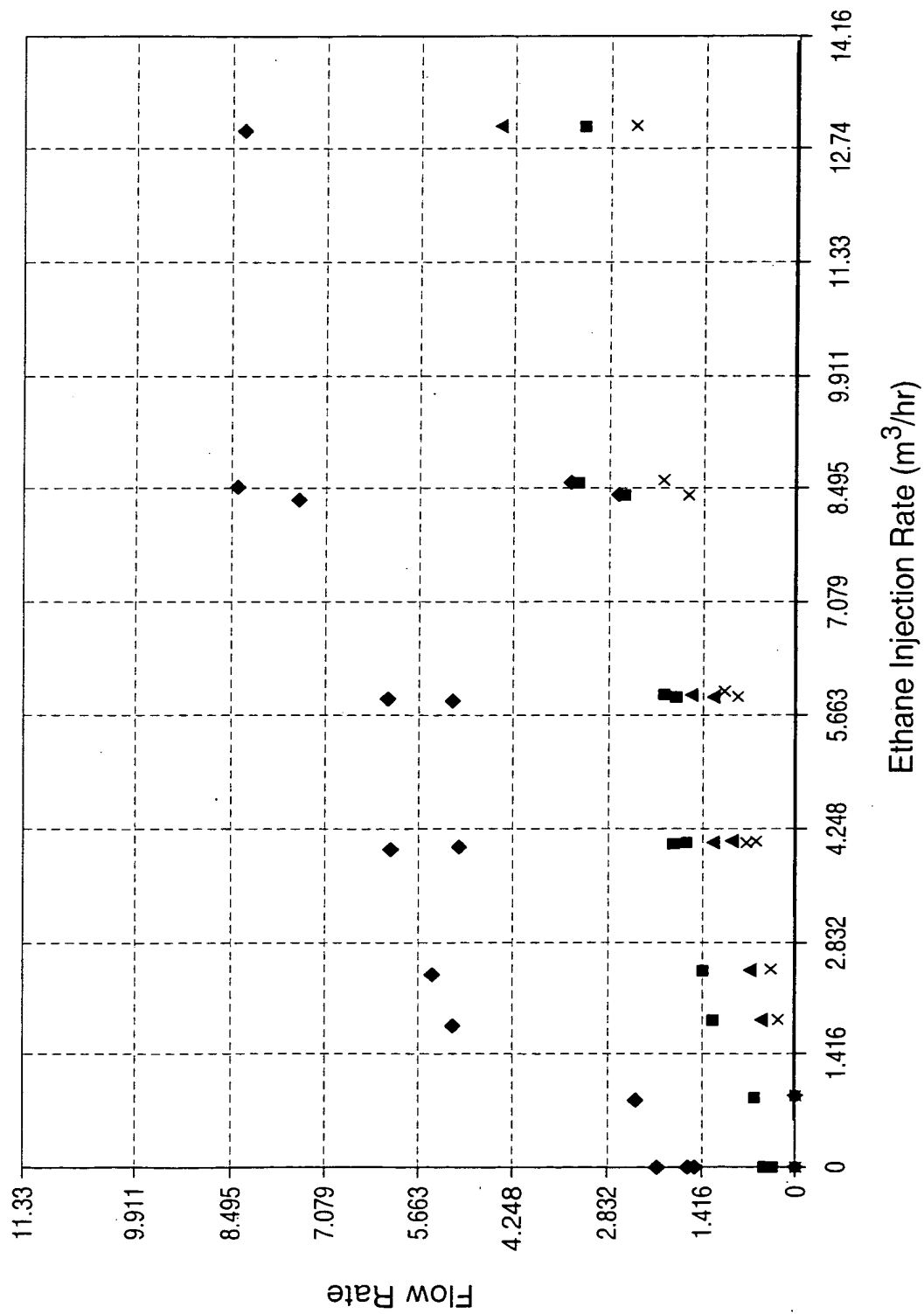
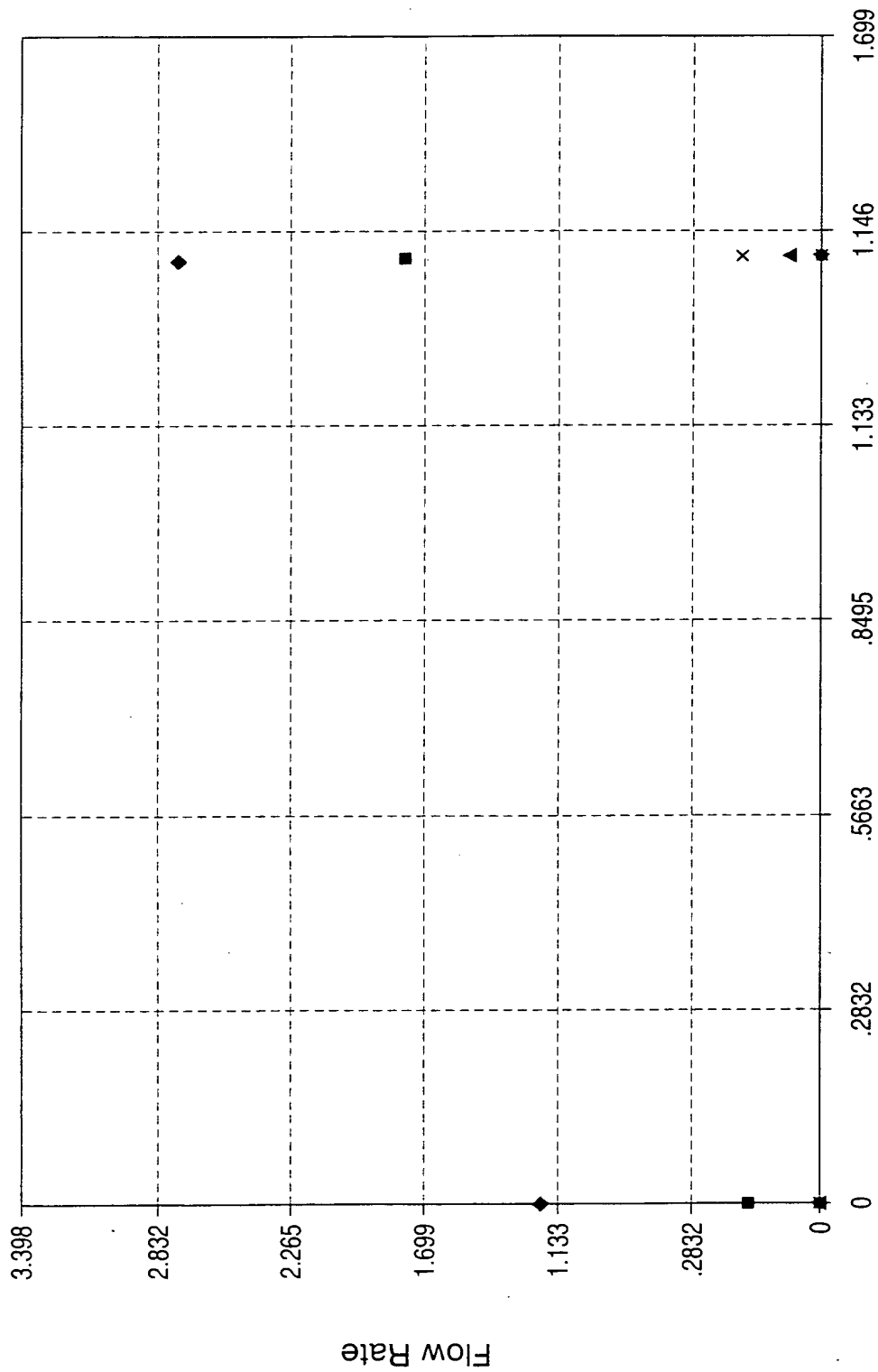


FIG. 154



Butane Injection Rate (m³/hr)

■ 3970 ▲ 3972 ◆ 3974 × 3976 * 3978 ● 3979

FIG. 156

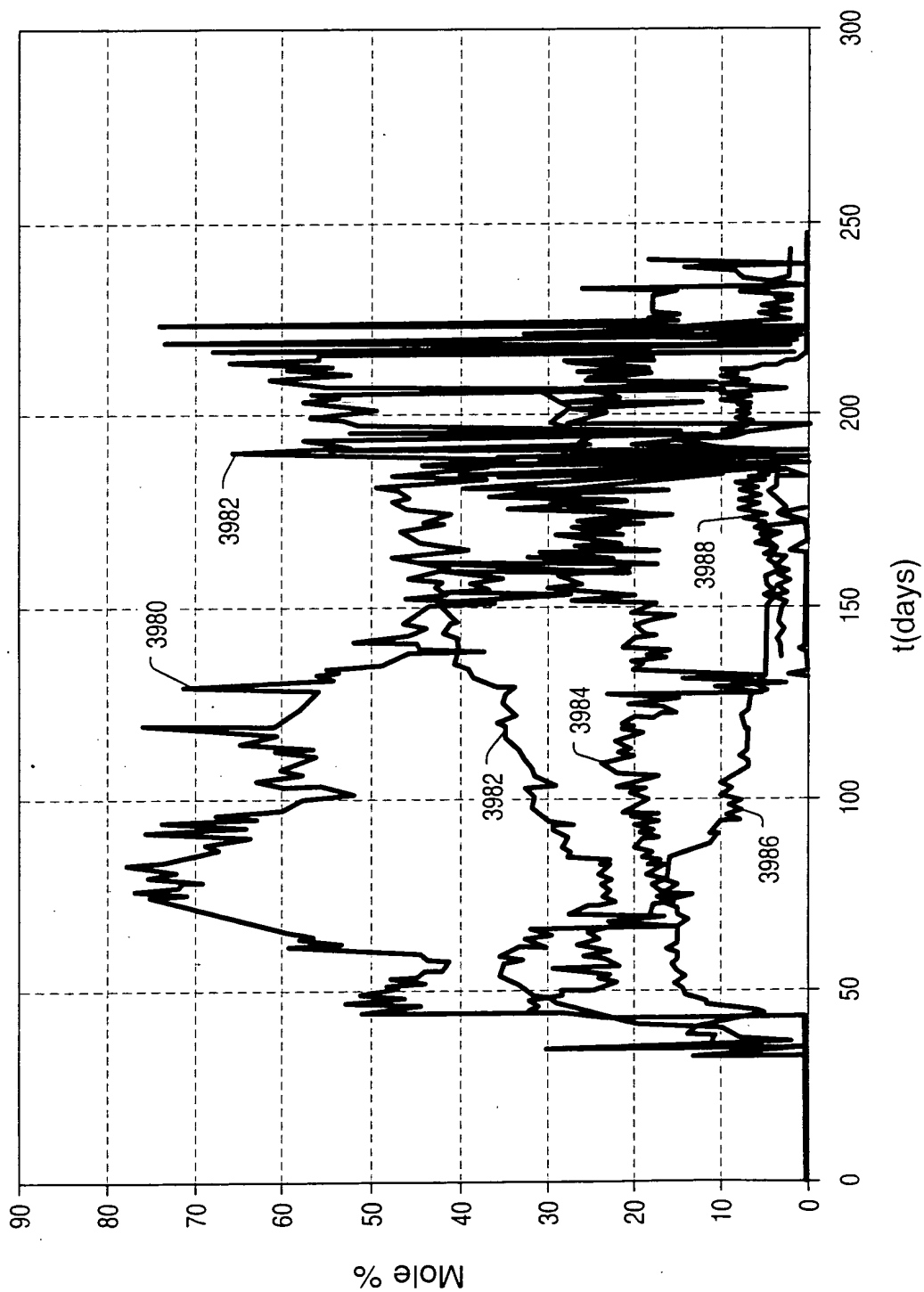


FIG. 157

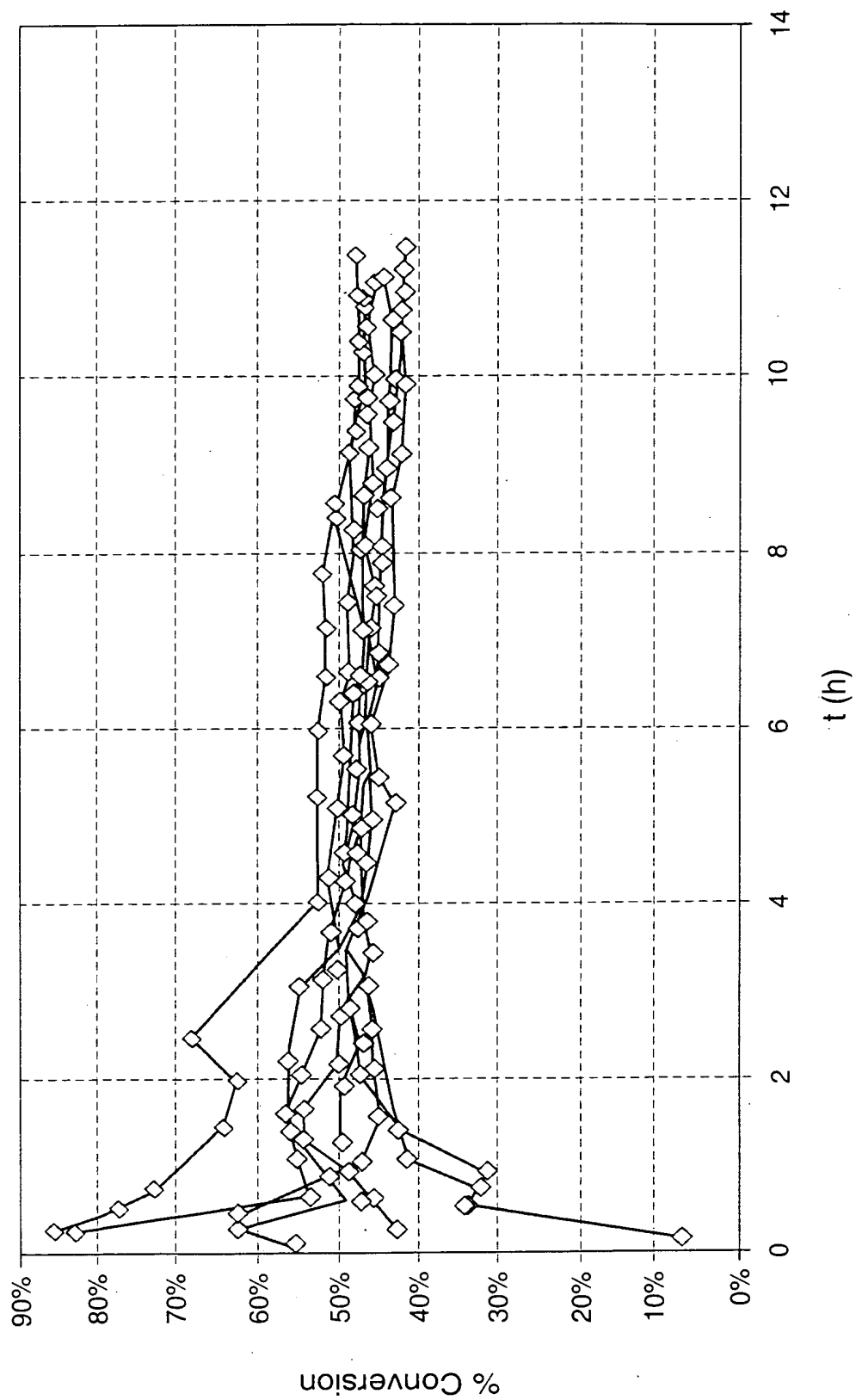


FIG. 158

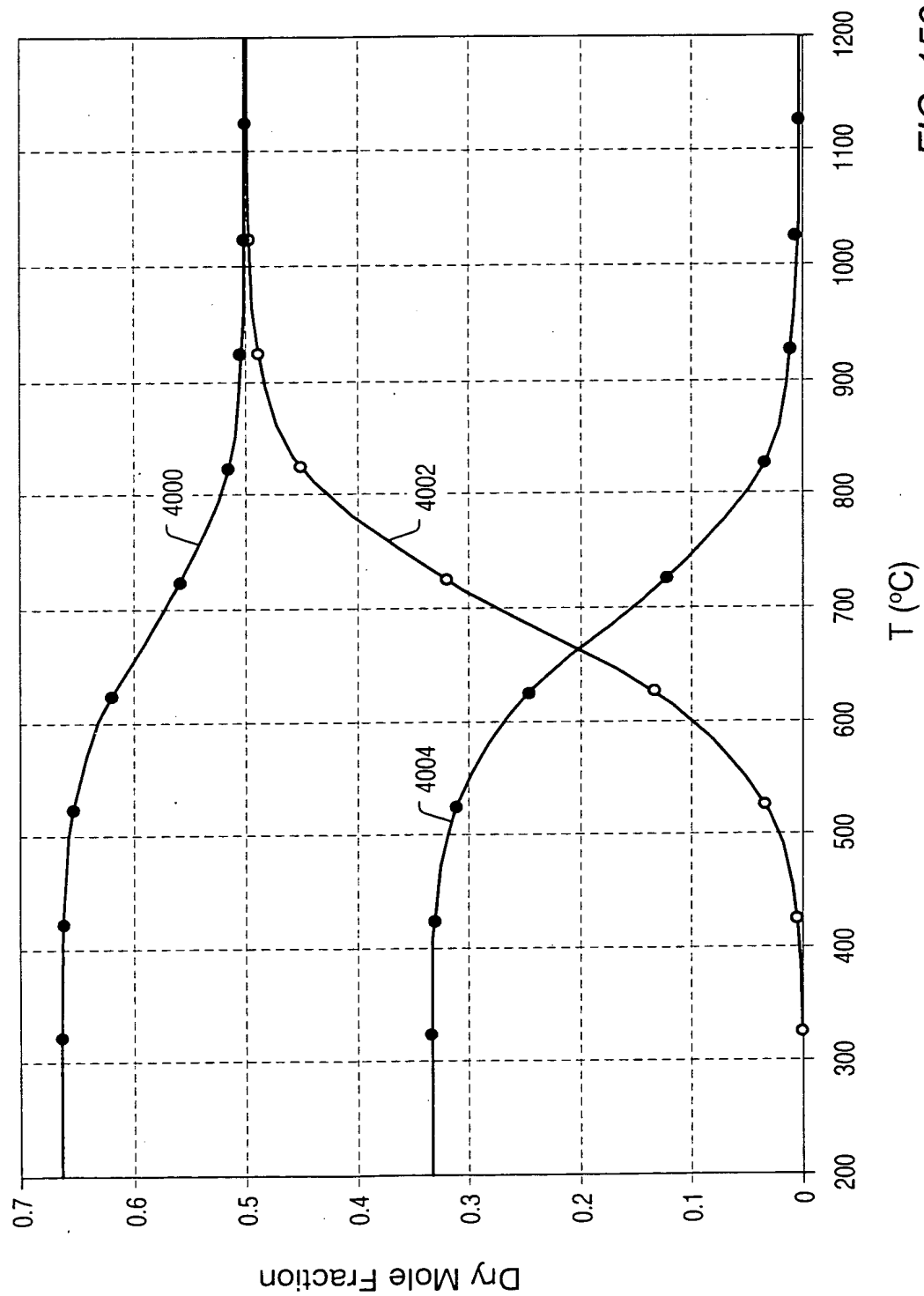


FIG. 159

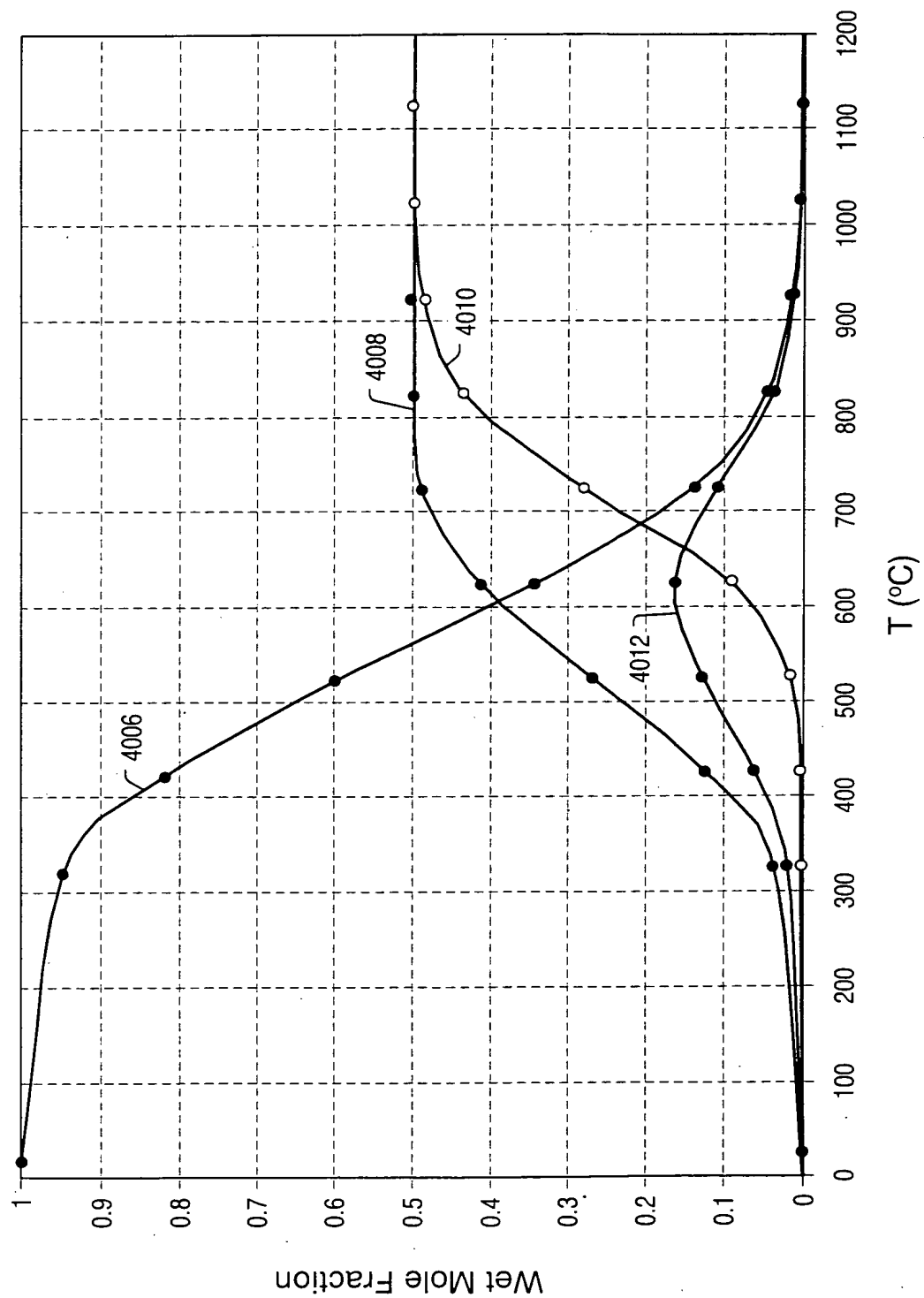


FIG. 160

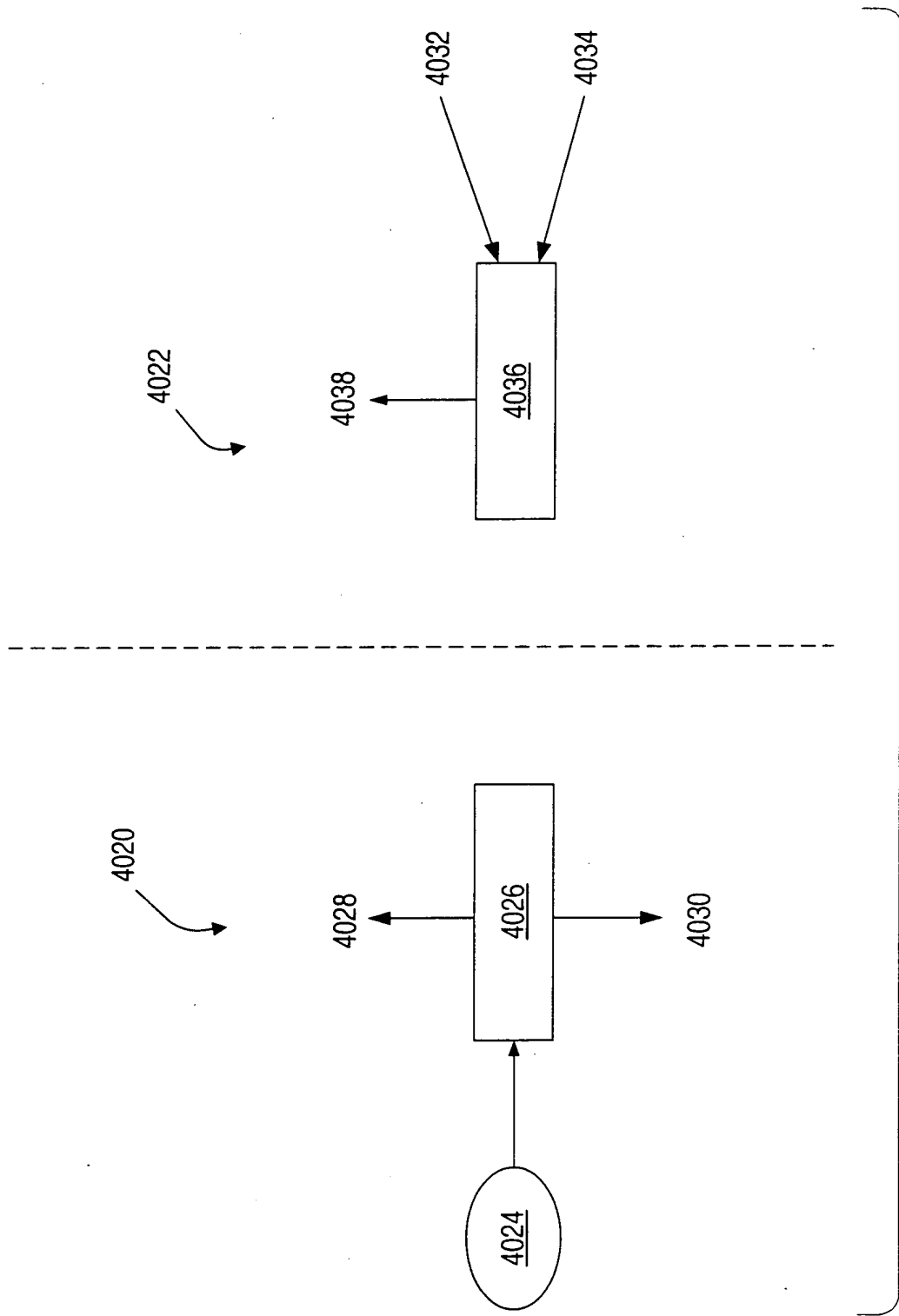


FIG. 161

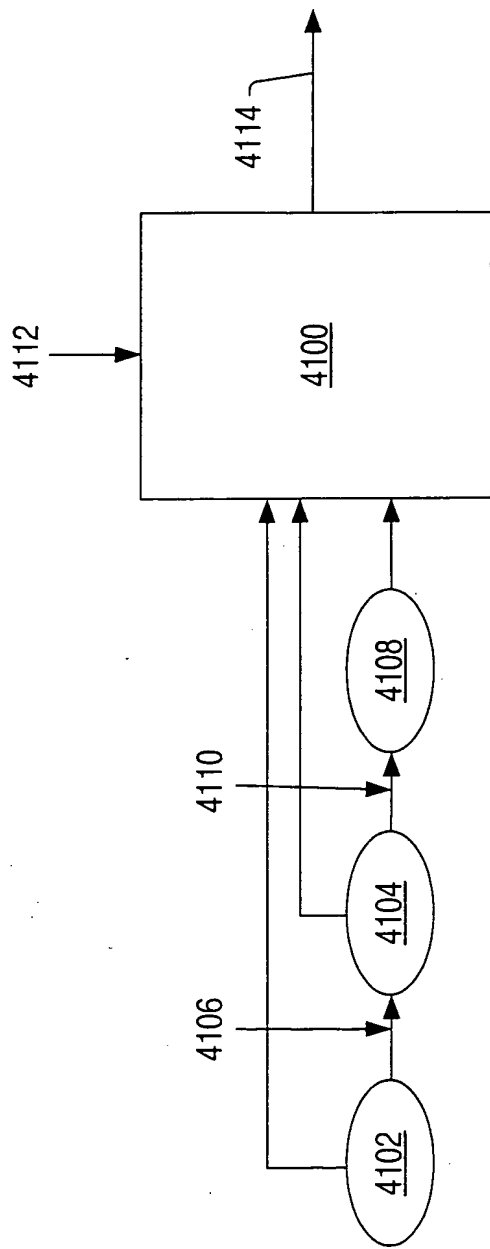


FIG. 162

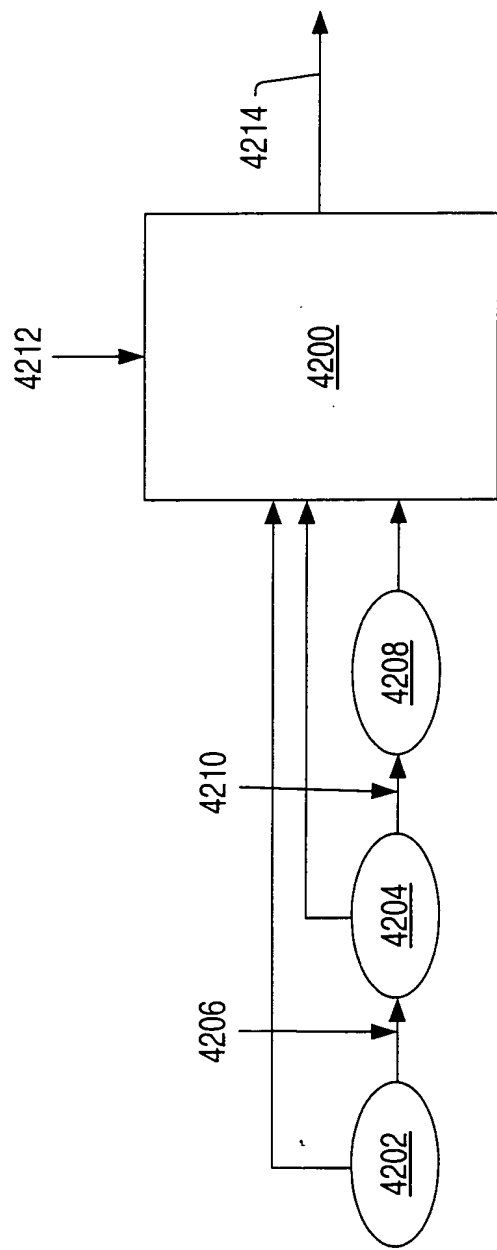


FIG. 163

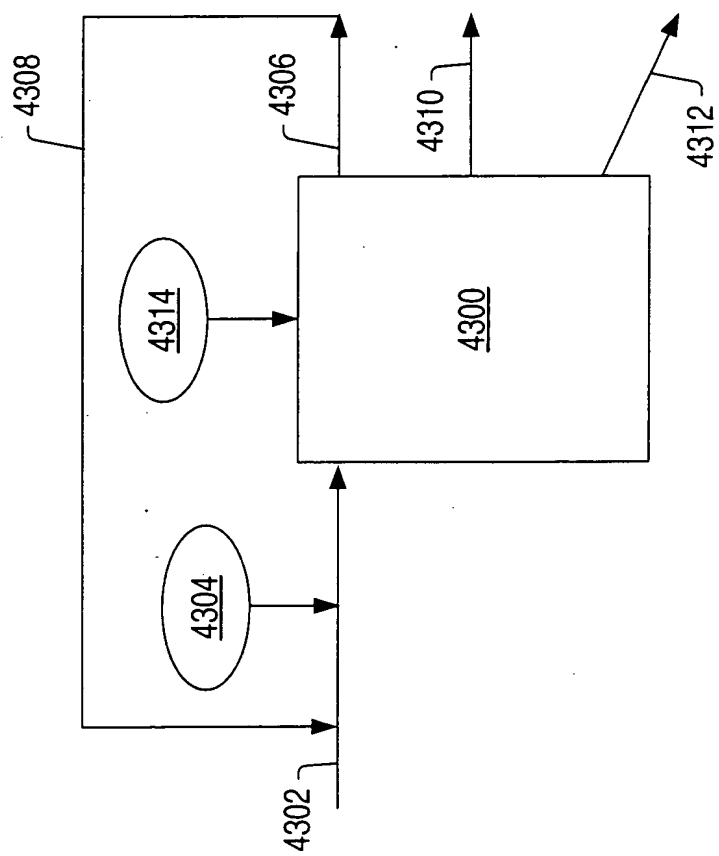


FIG. 164

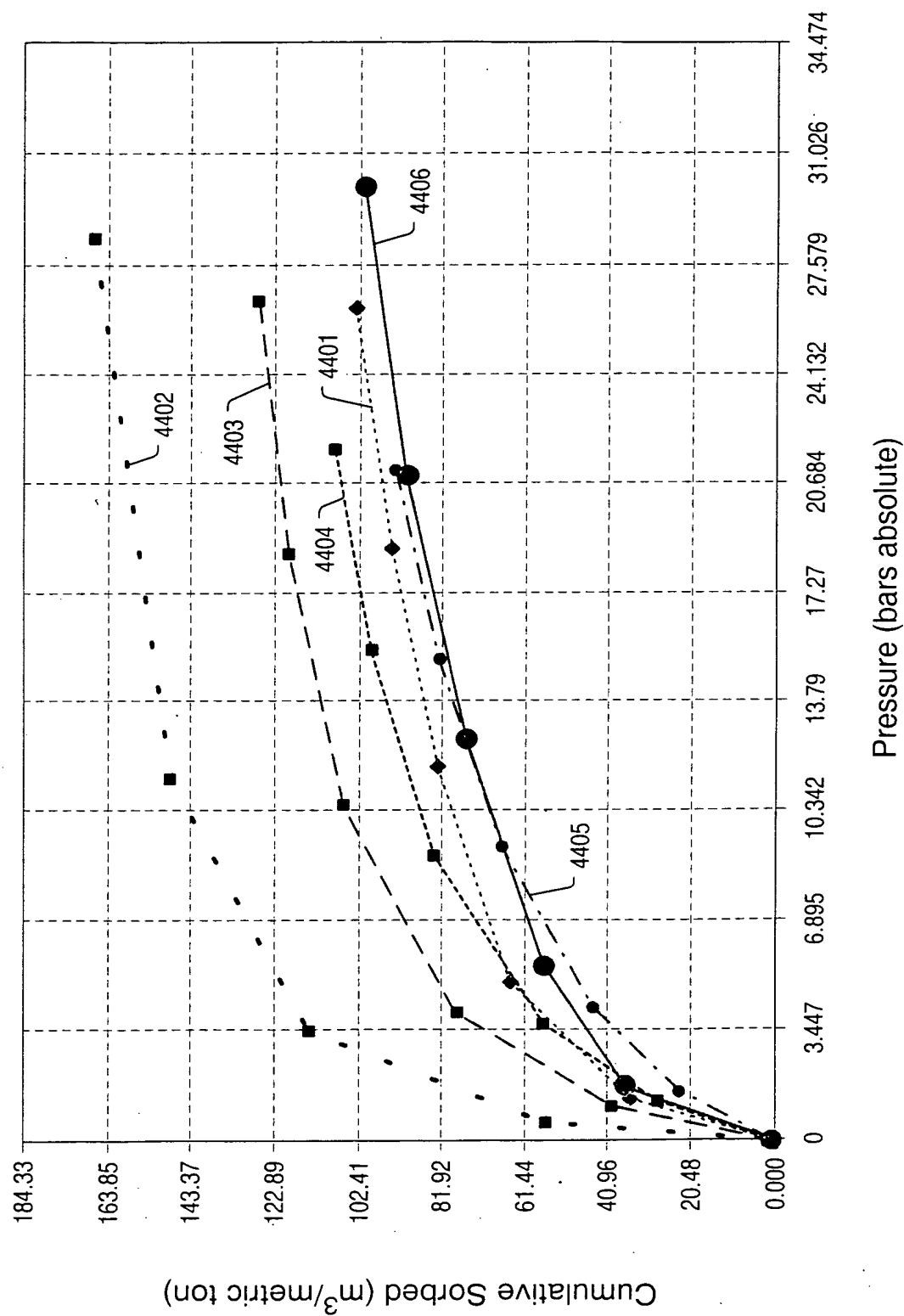


FIG. 165

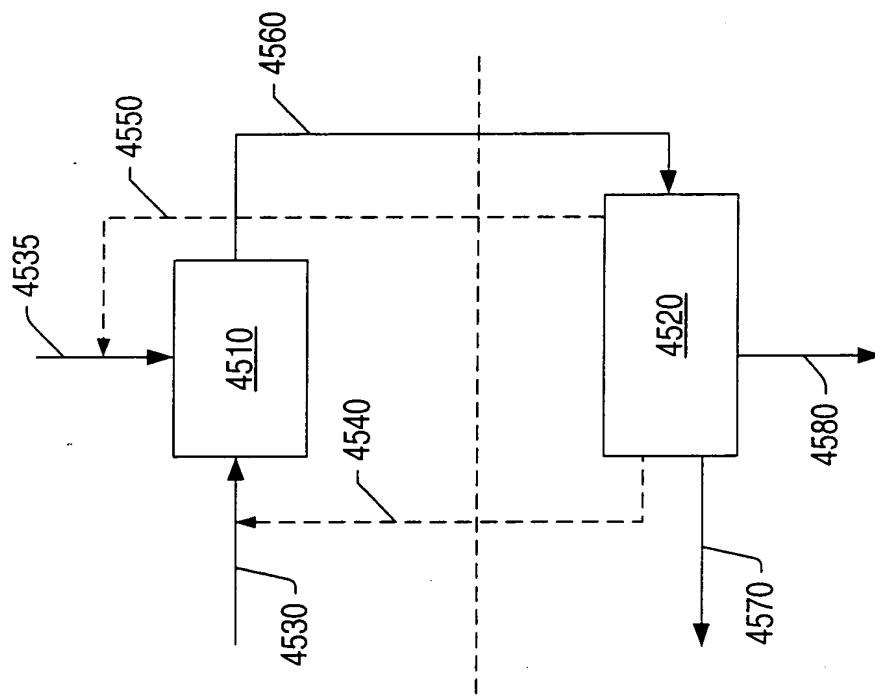


FIG. 166

Figure 1 is a line graph showing the evolution of the component fraction (%) of four components (4601, 4603, 4605, 4607) over time (days) from 140 to 156. The y-axis represents the Component Fraction (%) from 0 to 100. The x-axis represents Time (days) from 140 to 156. The legend indicates: x for 4601, diamond for 4603, square for 4605, and triangle for 4607. A dashed line labeled 4602 and a solid line labeled 4606 are also shown, representing intermediate components.

Time (days)	4601 (%)	4603 (%)	4605 (%)	4607 (%)	4602 (%)	4606 (%)
140	20	50	25	5	20	20
142	20	50	25	5	20	20
144	20	50	25	5	20	20
146	20	50	25	5	20	20
148	20	50	25	5	20	20
150	20	50	25	5	20	20
152	20	50	25	5	20	20
154	20	50	25	5	20	20
156	20	50	25	5	20	20

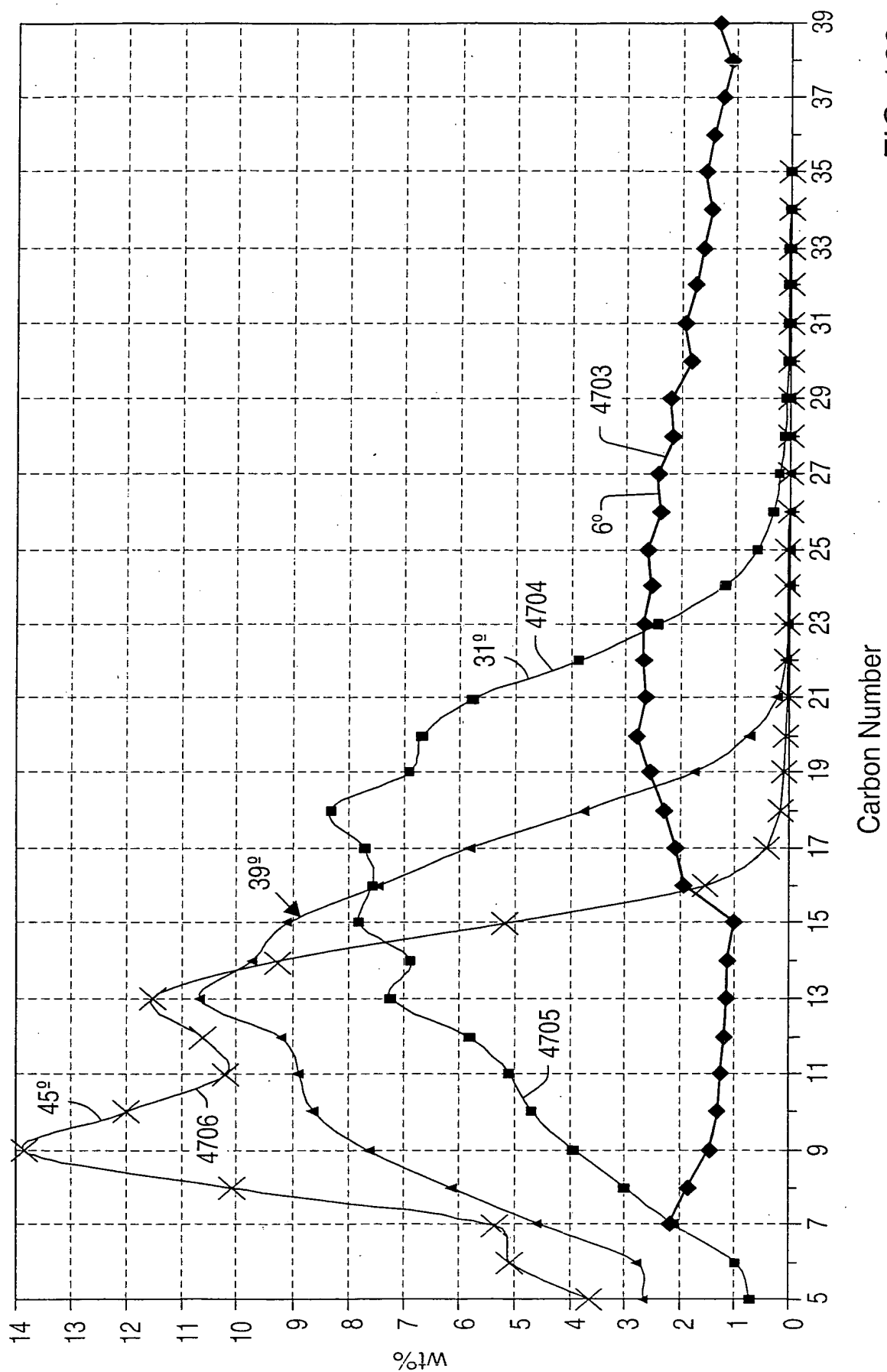


FIG. 168

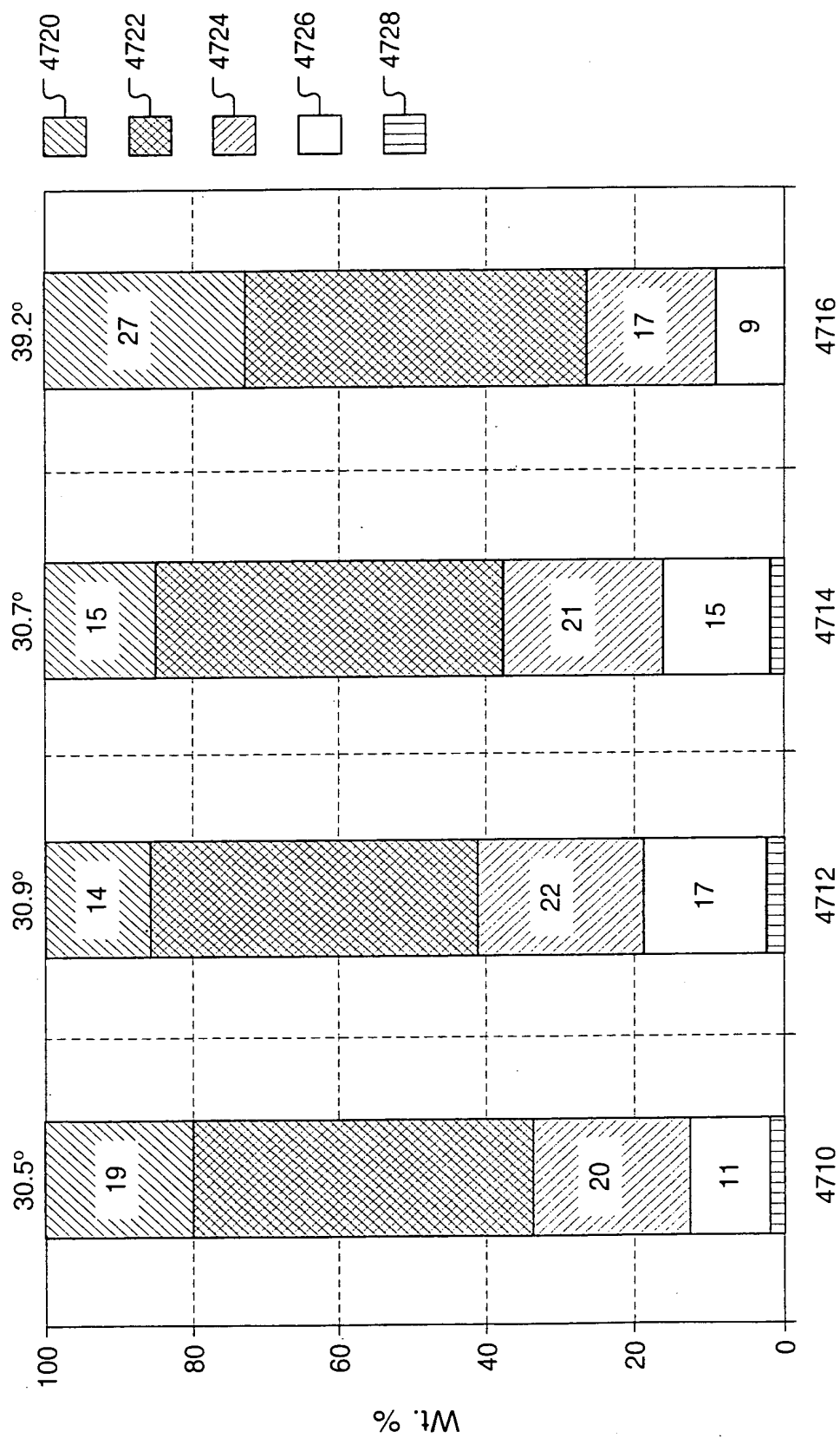


FIG. 169

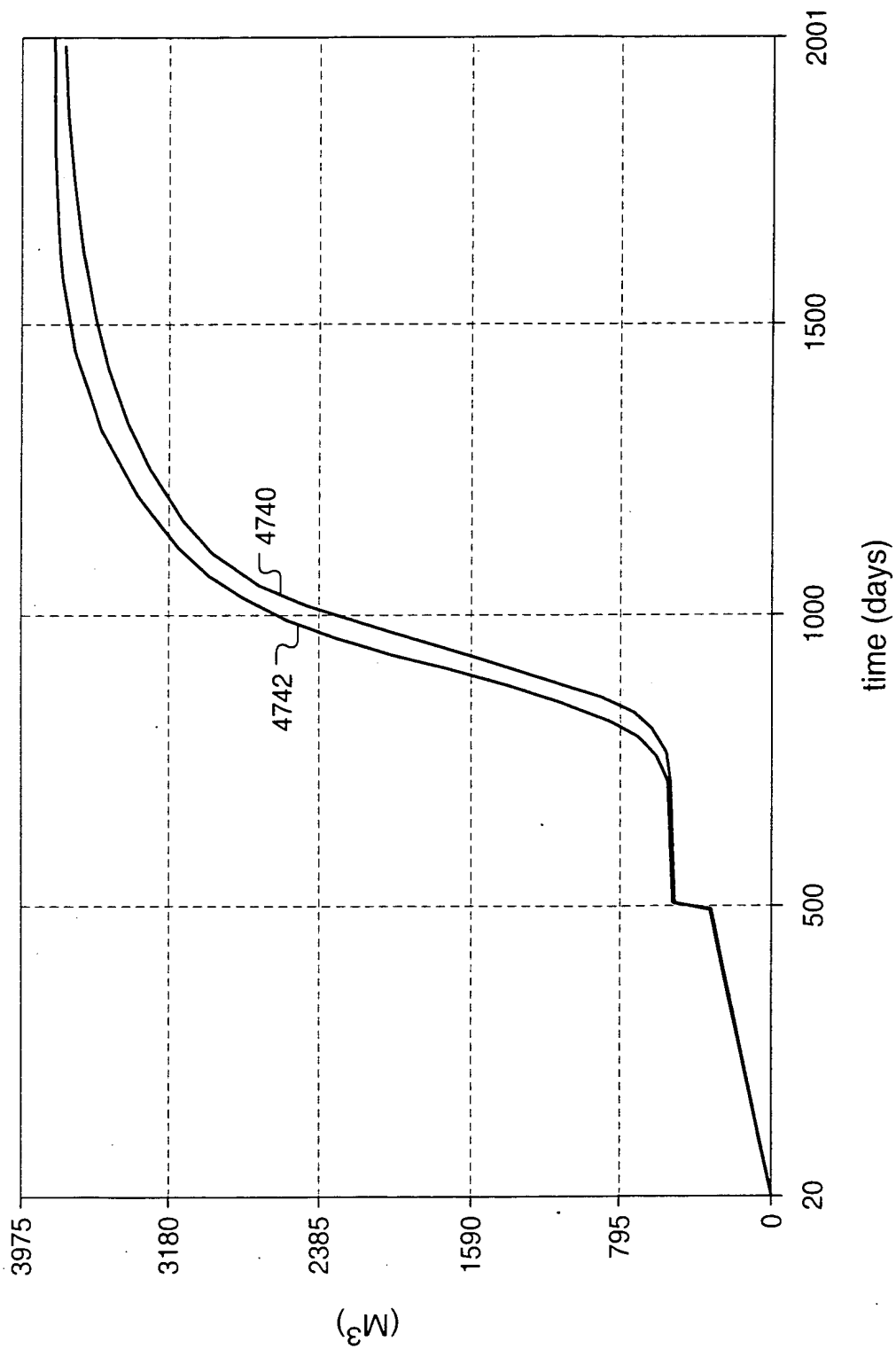


FIG. 170

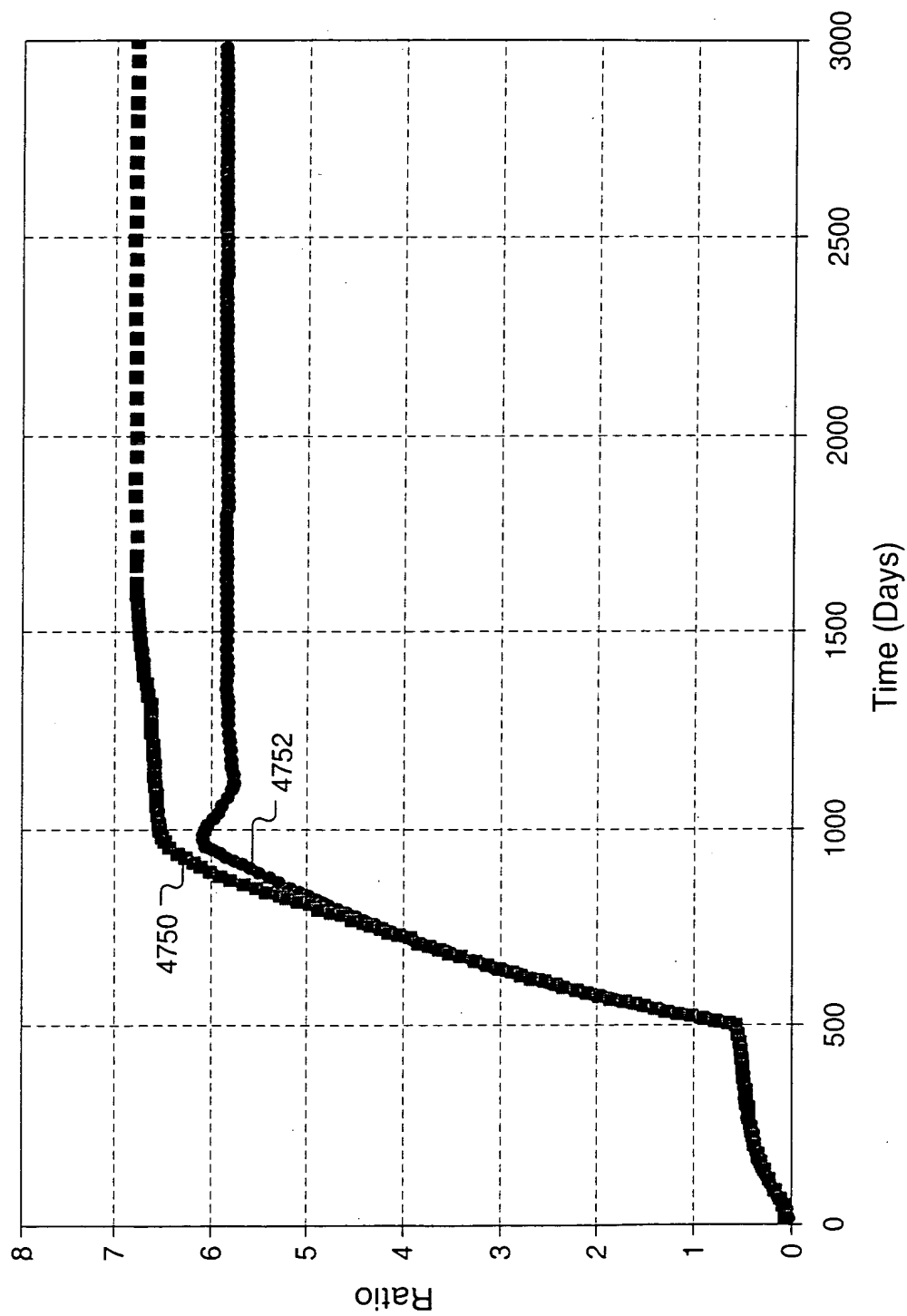


FIG. 171

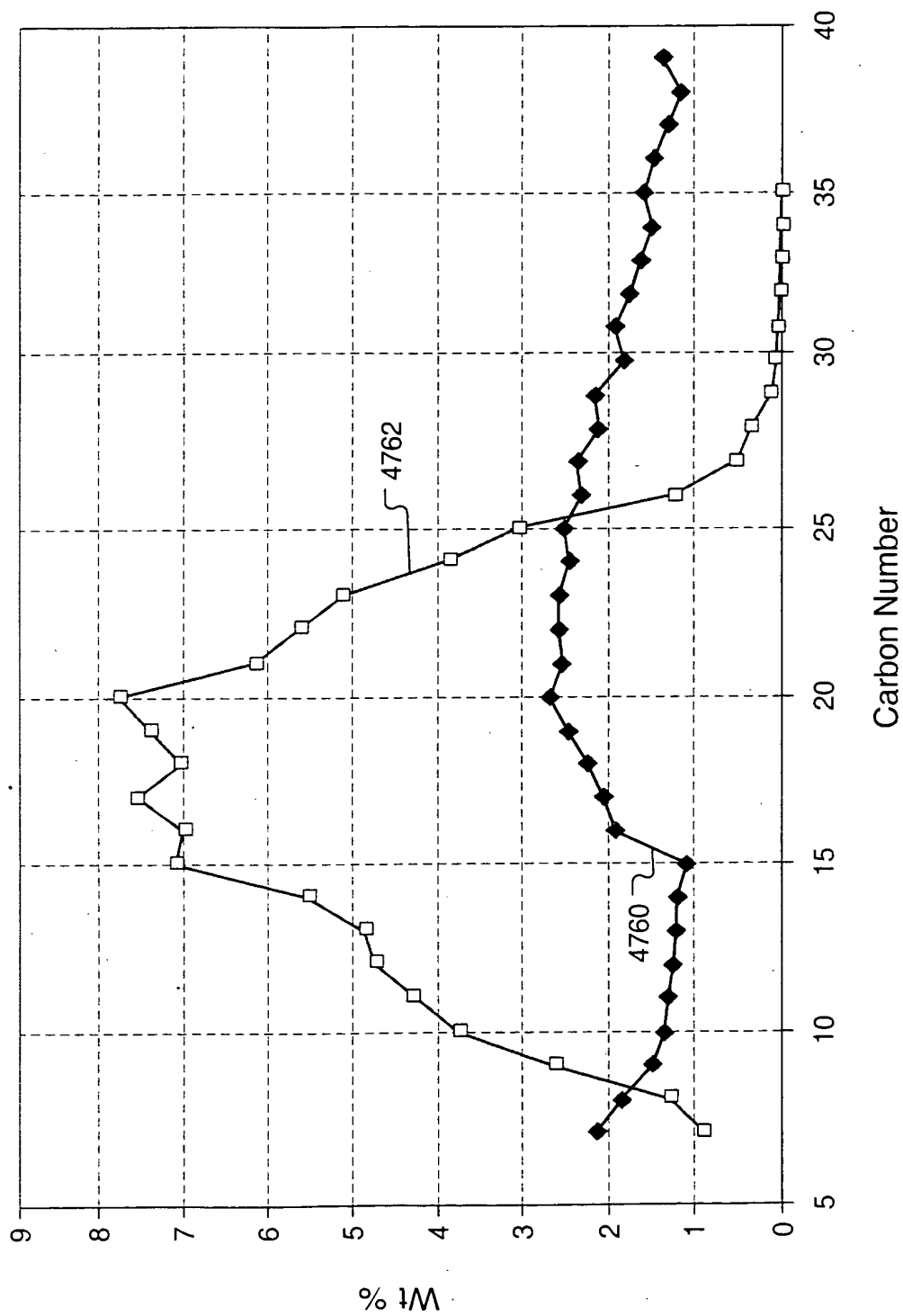


FIG. 172

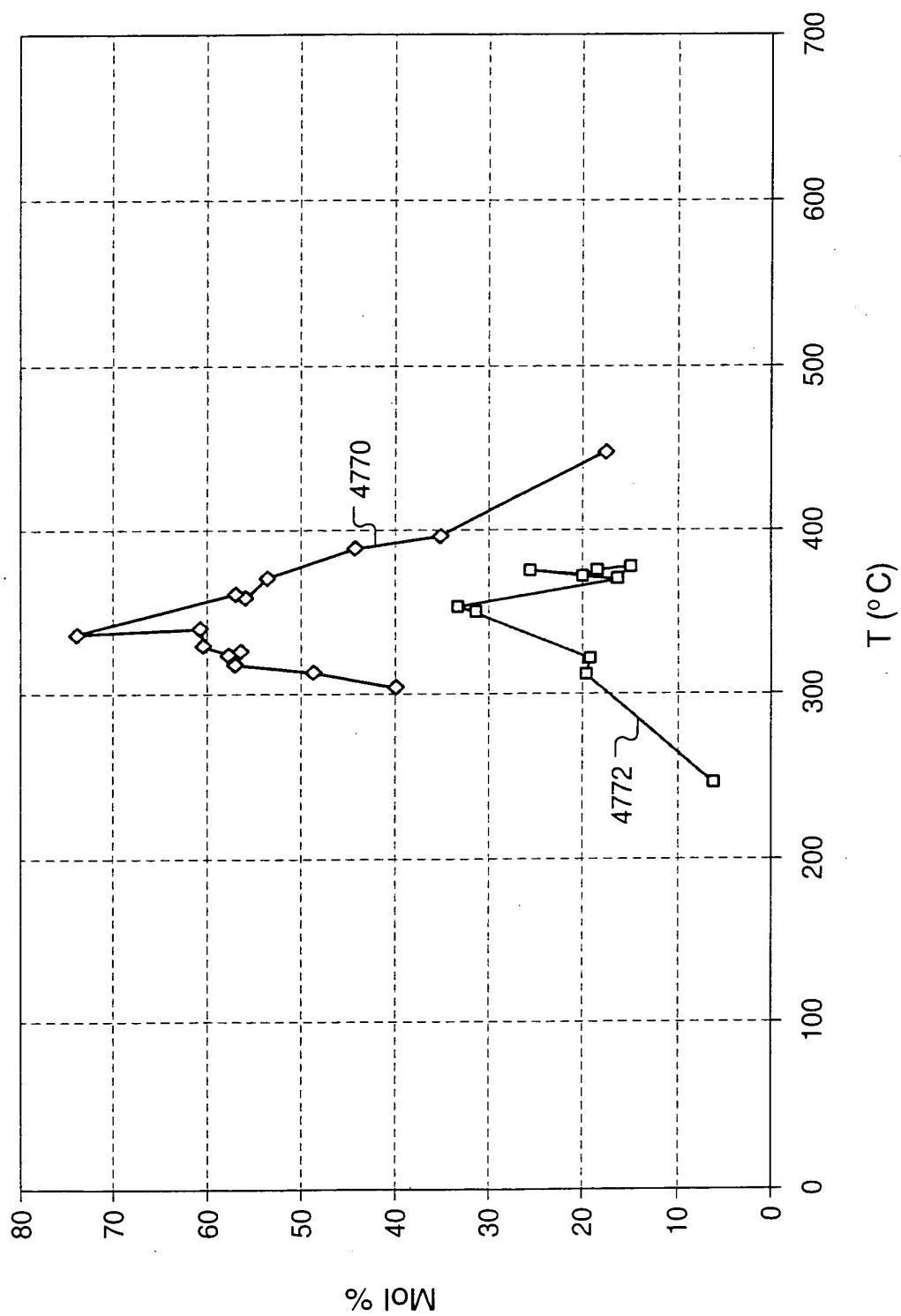


FIG. 173

FIG. 174

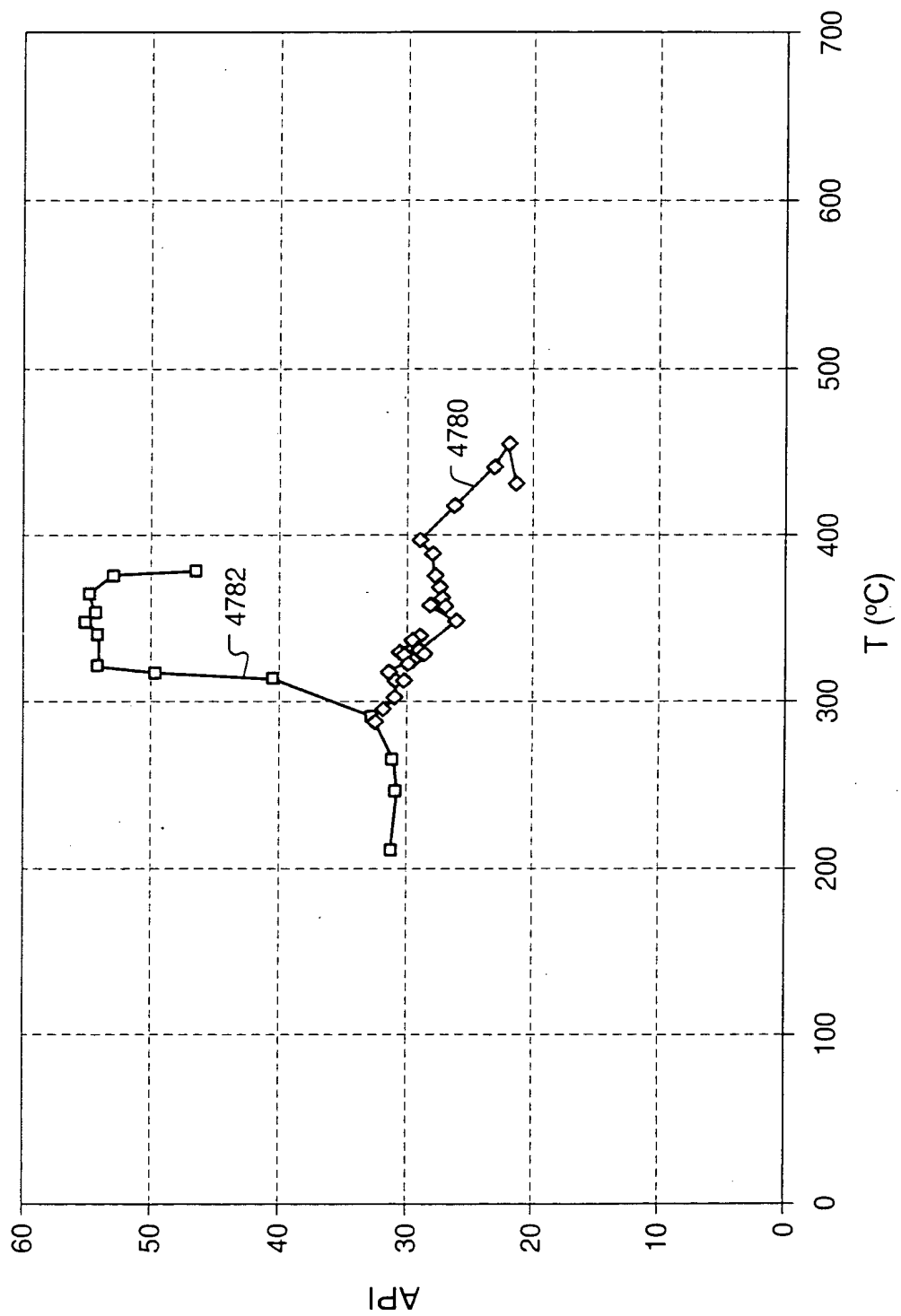
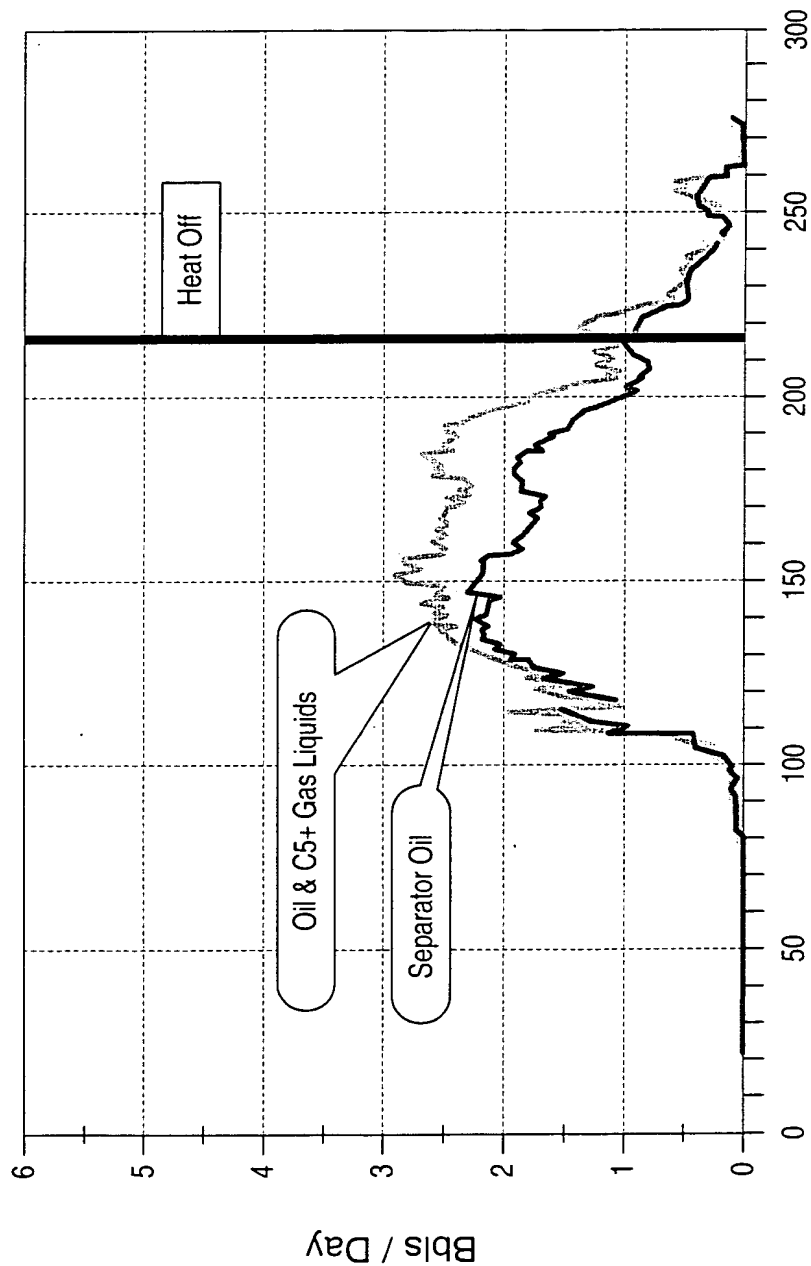


FIG. 174



Days From Start of Heat Injection

FIG. 175

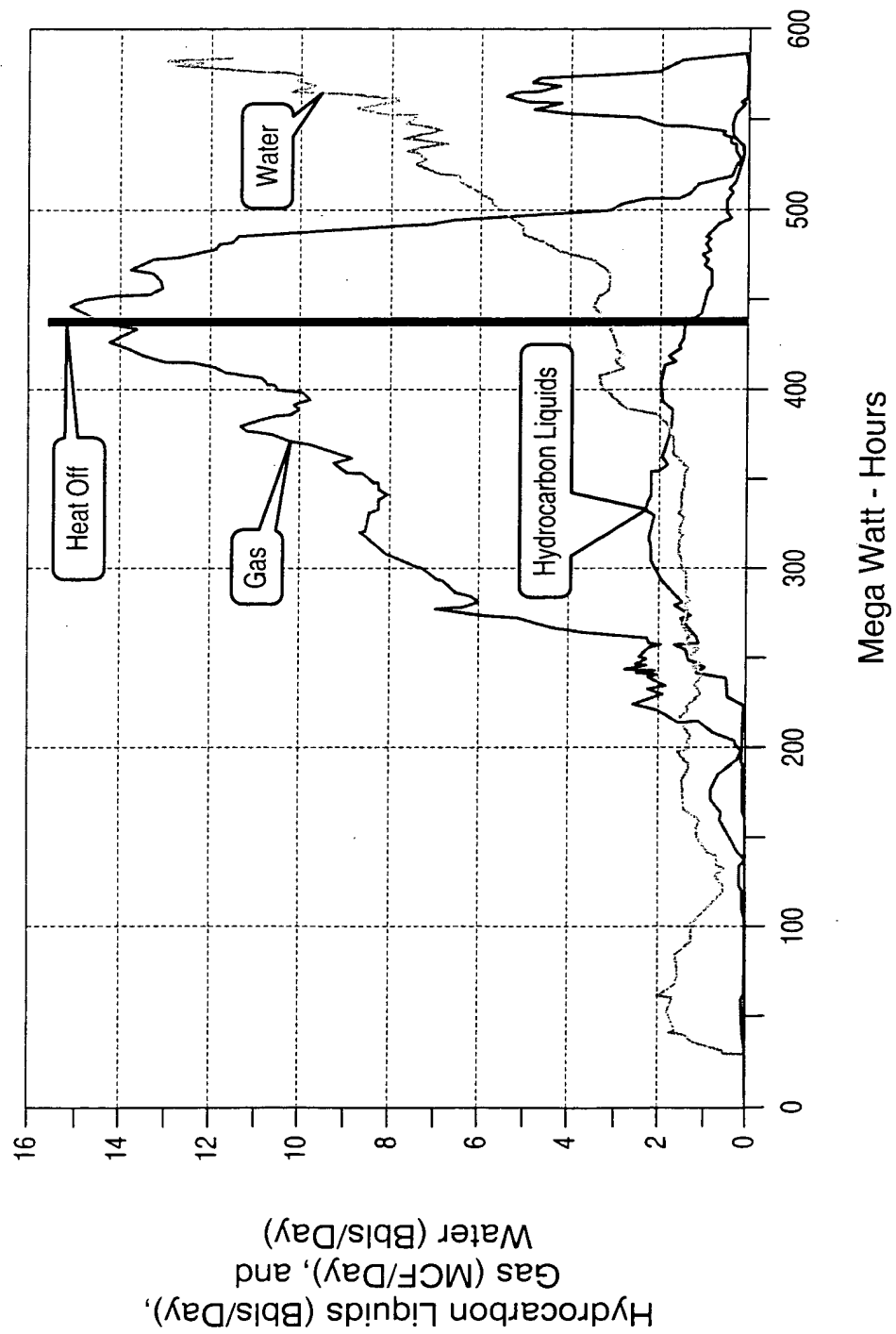


FIG. 176

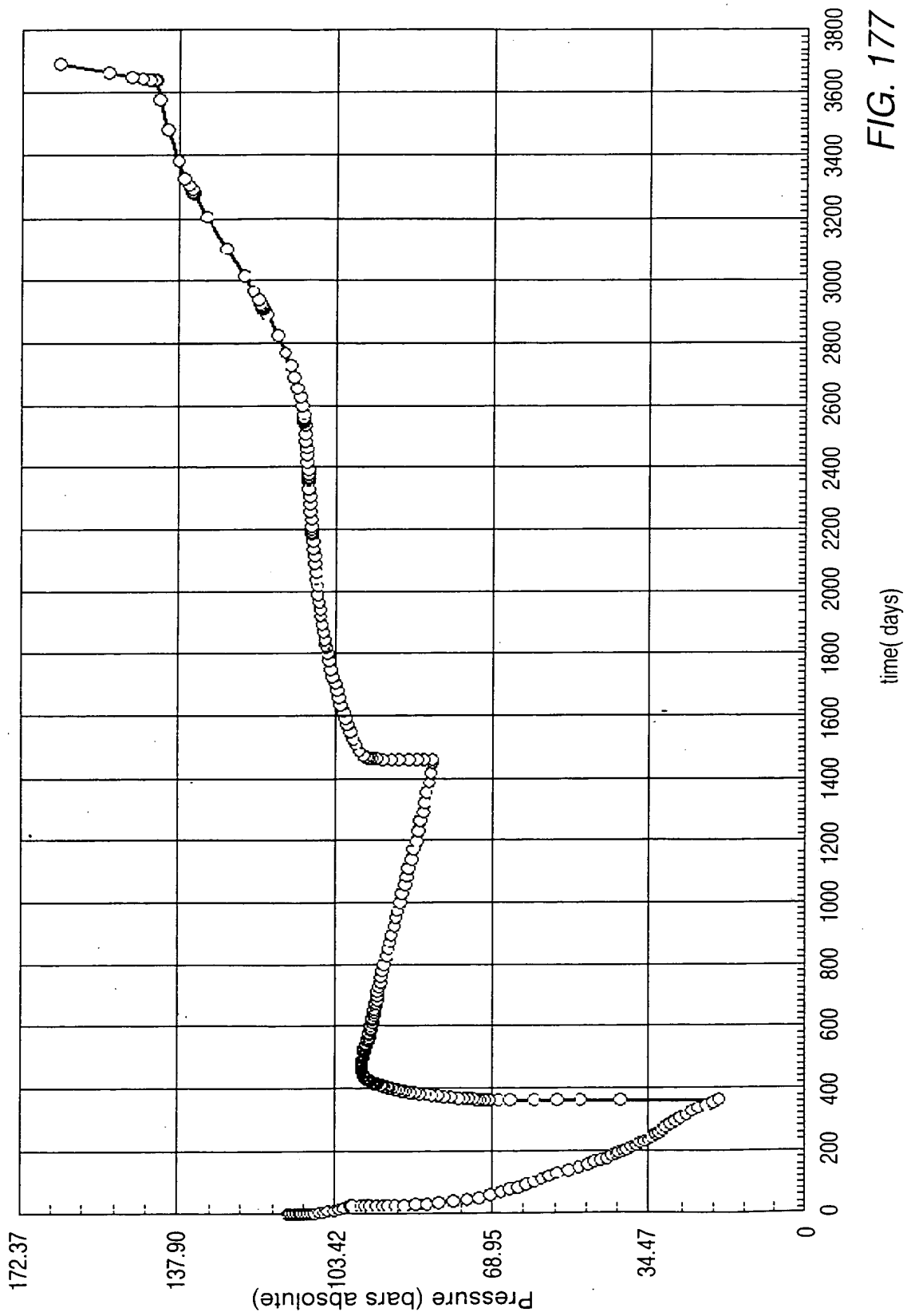


FIG. 177

Flow rate (Mm³/day)

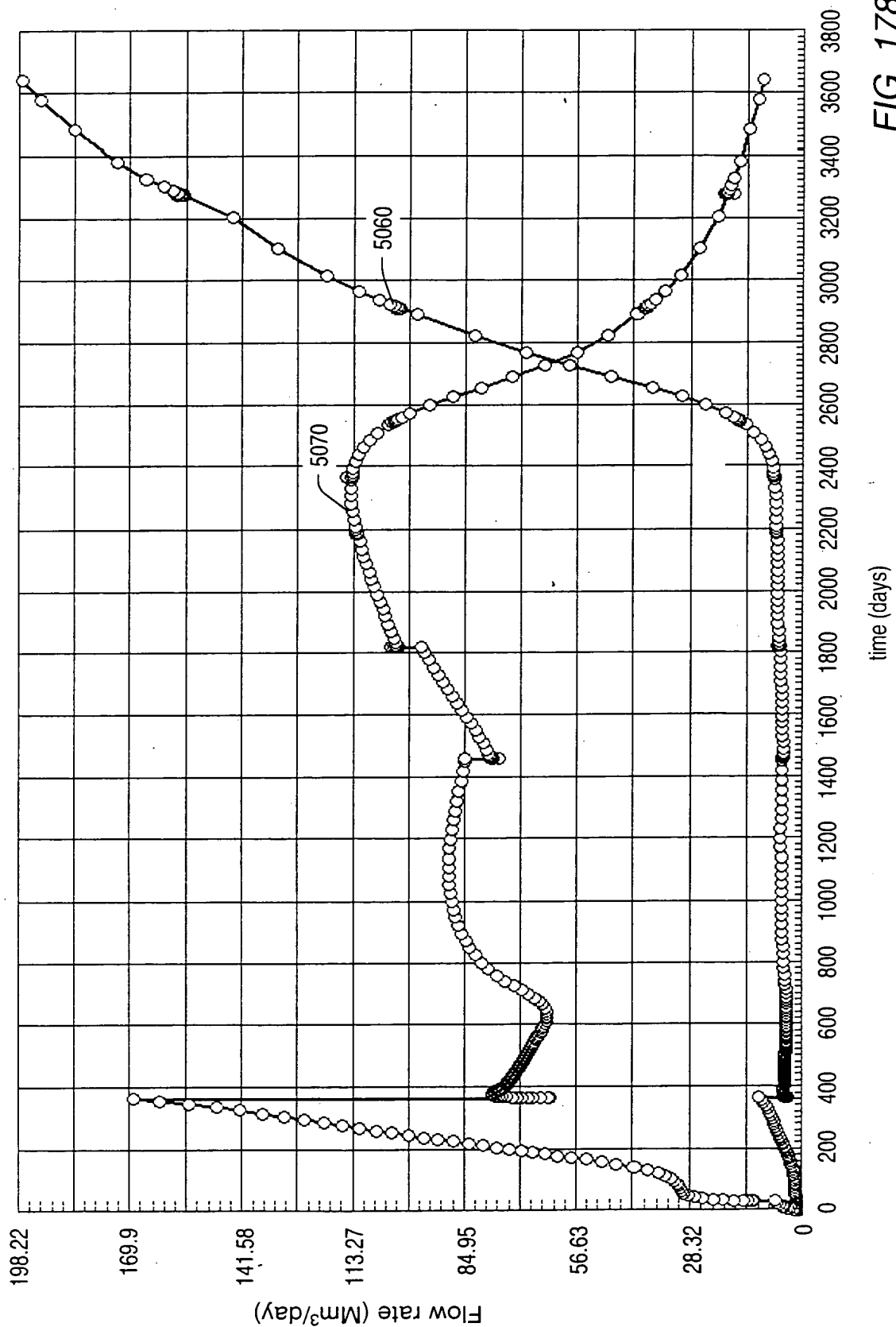


FIG. 178

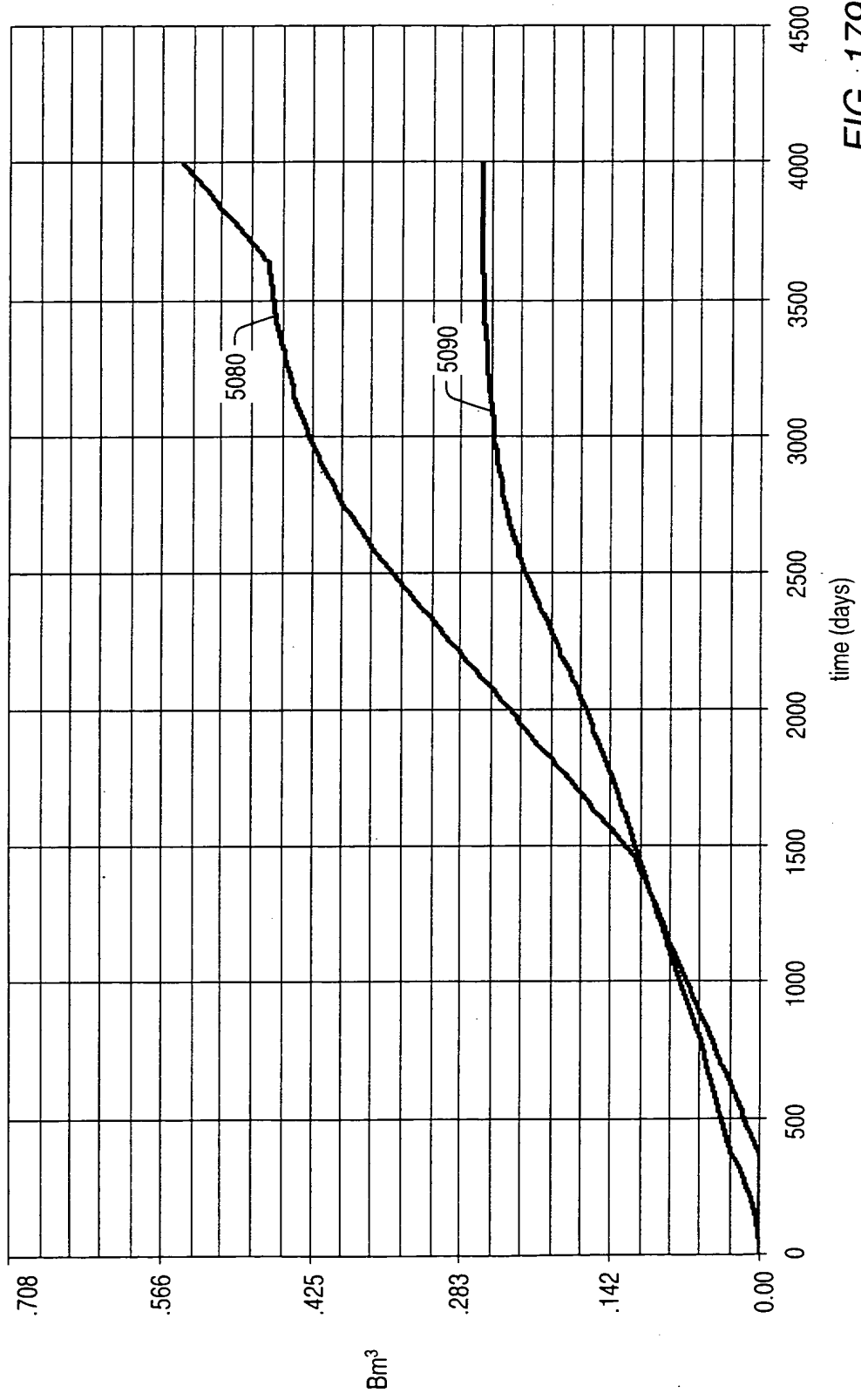


FIG. 179

70740" CETH1860

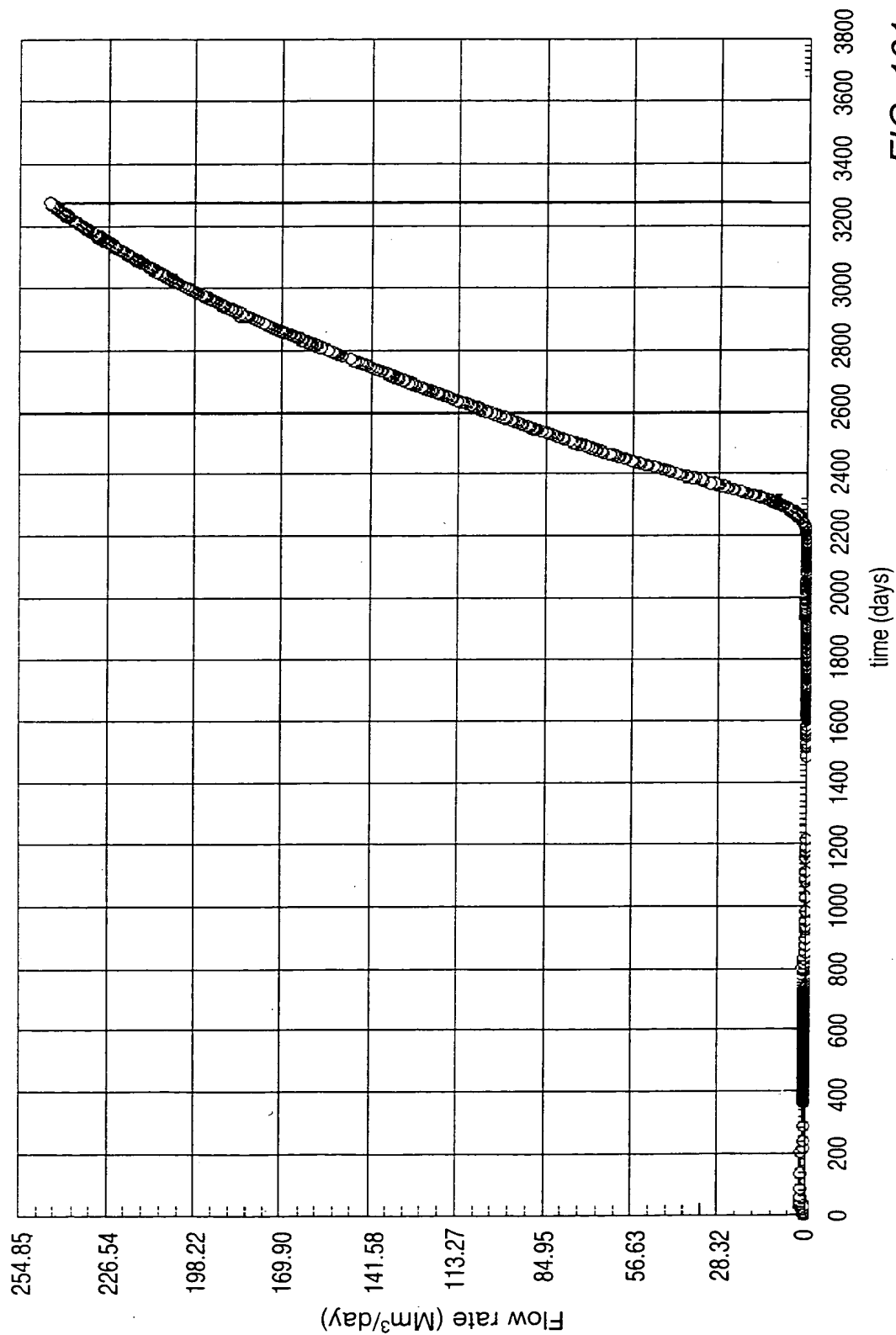


FIG. 181

FOOTING CENTER

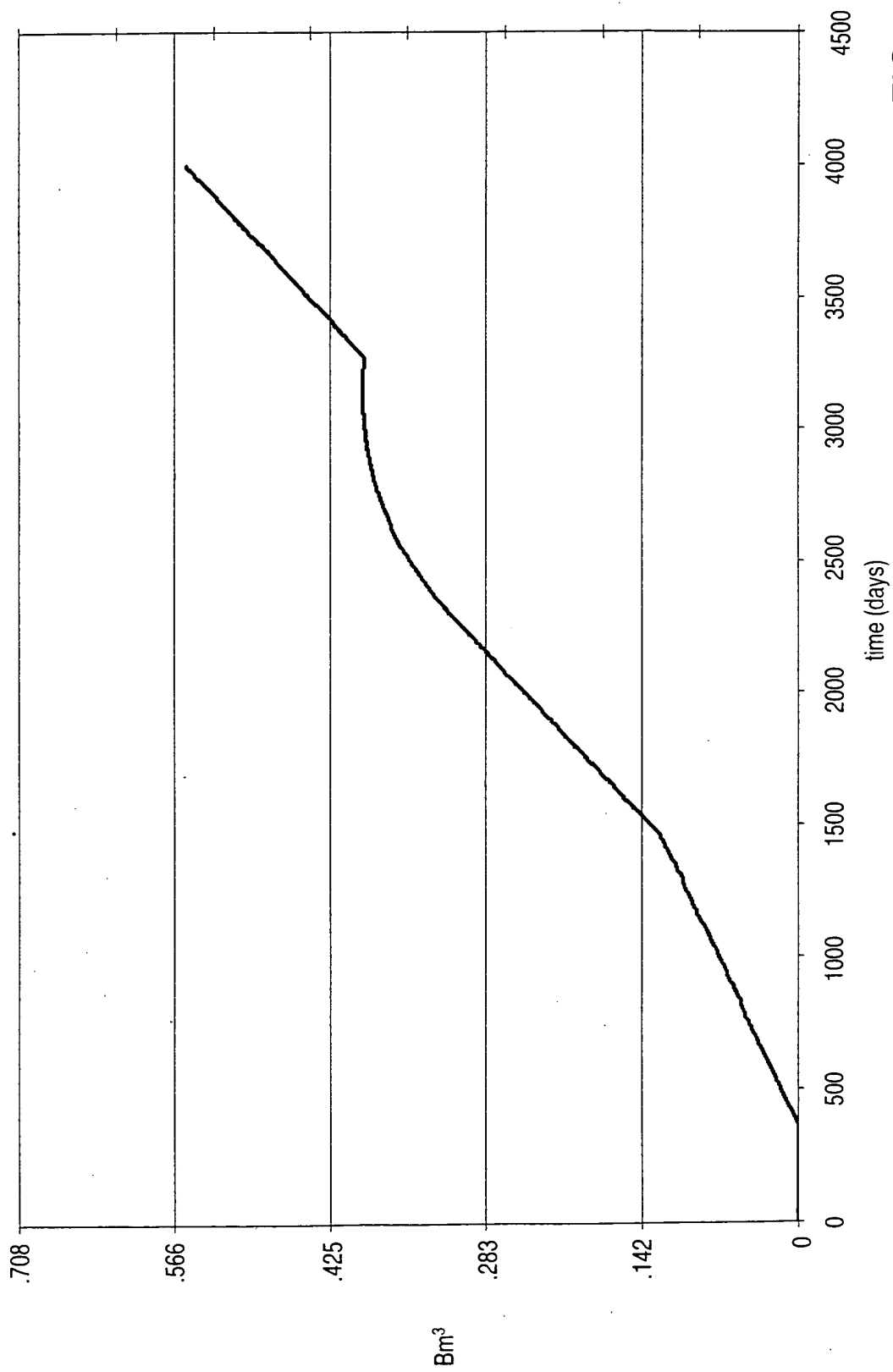


FIG. 182